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UPYOG under National Urban Digital Mission

This document provides a recommendation on the various steps that the States / UT's may consider taking to ensure appropriate population of the aggregated data on the National Dashboard. While the technical details for each State would differ based on the Adoption Model (or a mix thereof) chosen, this document provides a comprehensive view of the process that may be adopted.

National Level Dashboard

The National Level Dashboard developed as part of UPYOG aims to provide a comprehensive view of various parameters as provided in Annexure 1. UPYOG will also come with a corresponding State Level Dashboard that can be used by the States.
It is envisaged that the States will have software that will periodically transfer the data of the State to the National Level Dashboards.

Adoption Models for UPYOG

The following Adoption Models (or a combination as required by the concerned States / UTs) would be applicable for all the States:

- Adoption Model I (AMI): AMI envisages State / UT using the UPYOG application on the central cloud provided by the NIUA. The data to be sent to the National Dashboard would require a simple configuration to be done by the State / UT (Implementation Partner/ System Integrator team).
- Adoption Model II (AMII): AMII envisages using the UPYOG application which is hosted by the respective State / UT at their respective SDC or any cloud. The data to be sent to the National Dashboard would require building and customizing API's that would periodically transmit the data. Reference API's are mentioned in Annexure 2 and the State / UT would be required to customize the same.
- Adoption Model III (AMIII): AMIII envisages the State / UT having their own applications hosted by them. API's would be required to be built by the State / UT. Reference API's are mentioned in Annexure 2.

Periodicity of Data Transfer

The national dashboard is expected to be a live environment. However, it is also acknowledged that real time data transfer for updating the national dashboard is not practical. Hence, it is recommended that the States / UTs should ensure that the API's to transfer data to the national dashboard are run every 24 hours. The time of the hour shall be 12 AM of the concerned State / UT.

Combining Data across different Applications / Adoption Models across the State / UT

It is envisaged that various Urban Local Bodies in a State / UT may be running different applications for their services. This may be a result of combining various Adoption Models or due

to States / UT's already running different applications for different or different categories of Urban Local Bodies.

In this case, it would be important to combine the data *before* it is shared to the national dashboard. This is required because the population of data to the national dashboard is in terms of aggregated data.

These can be done by writing a set of programs that combine the data from the various applications serving the ULBs and then writing the API's that transmit this combined data to the National Dashboard.

Choice of Implementation Agency

The choice of implementation agency to build the programming and API's for populating the national dashboard may be taken by the States / UTs as per their convenience. A recommendation is provided below:

Adoption Model 1: The Implementation Partner or Selected SI should have in its scope to write the API'/ configuration.

Adoption Model 2: The Implementation Partner or Selected SI should have in its scope to write the API'/ configuration.

Adoption Mode 3: The existing Implementation Partner may be given additional scope to write the API's to populate the national dashboard. Alternatively, if the scope does not permit, a new Implementation Partner can be selected.

Multiple Adoption Models: In case of states having multiple adoption models or multiple applications across the states where additional programming is required to combine the data, the concerned State / UT may choose one of the existing Implementation Partners or select a new Implementation Partner for writing the API's to integrate to the national dashboard.

Indicative Steps for Data Updates to National Dashboard

Step 1: Tripartite MOU signed between concerned State / UT, National Institute of Urban Affairs and Ministry of Housing and Urban Affairs

Step 2: Selection / Nomination of Implementation Agency

Step 3: Requirements Analysis, including consideration for States where multiple applications exist for various ULB's, multiple adoption models are selected, and other criteria.

Step 4: Preparation of API's as per National Dashboard Ingestion Specification

Step 5: Testing and Quality Assurance along with Technical Team at NIUA

Step 5: Movement of API's to Production

It may be considered that the National Dashboard and the applications at State / UT may undergo changes over time and hence the API's may be required to be updated.

Annexure 1: National Level Dashboard – Version 1 – Key Metrics

Metric	**Definition**
Onboarded States	State signs an MoU with the NUDM team
Under Implementation	Program has been set-up in the state - NUDM state task force being constituted, DTL appointed and NUDM fellows deployed
Onboarded ULB	All ULBs in the state will be considered onboarded when a state is onboarded
Live States	A state is live when 50% of ULBs in the state are live
Live ULB	A ULB will be live when at least 2 modules are live and 300 transactions each are captured on NUGP in the first 90 days.
Live Modules	Modules live on both NUGP central instance and also on other proprietary systems being used by ULBs/States where aggregated data is being reported under adoption model 3
Total Citizens	Total # of citizens registered on the system
Active Citizens	Total # citizens who have done at least 1 transaction on NUGP
SLA Achievement	# of Applications and Complaints closed within SLA / Total # of applications + complaints
Domain Wise	
Total Collections	Sum of revenue collections from PT + TL + W&S + BPA + NOC + Misc. Collection + Birth & Death based on which modules are live across which states. This is a cumulative number. If a new module is added, then the revenue from that module should also be included under 'Total Collections'.
Target Collections	Target Collection: Every State and ULB can set their collection target for a specific time period. By default, targets are set annually and divided into months and weeks equally. Target Collections are divided equally for the remaining time period. For e.g. If annual target is set INR 10 Cr and past 2 months collection is 2 Cr. Then for the upcoming months target is INR 8/10 = 0.8 Cr/month
Target Achievement	Total Collections / Target Collections
Total Applications	Sum of applications from Property Tax [Only if a property is added / ownership is transferred or edited. Assessment generation is NOT included in this] + TL (application and renewal) + W&S(application for new connection) + BPA (application for building permit and occupancy certificate) + Fire NOC (application for provisional and actual Fire NOC) + Birth & Death (application of B&D certificate)
Property Tax	
Metric	**Definition**
Total Collections	Sum of revenue collections from Property Tax Module
Properties Assessed	# of properties for which assessments were generated
Trade License	
Metric	**Definition**
Total Collections	Sum of revenue collections from Trade License Module
Total Applications	Sum of applications for both new and renewal of trade license

Municipal Grievances	
Metric	**Definition**
Total Grievances	Total # of grievances registered by a citizen
SLA Achievement	# of grievances resolved within SLA / Total Grievances. This will be a % figure
Water & Sewerage	
Metric	**Definition**
Total Collections	Sum of revenue collections from Water & Sewerage module
Total Connections	Total # of connections approved by concerned authority. This is different from total applications. Eg: If 100 citizens applied for a W&S connection and 90 were approved, then total connections = 90
Building Permissions	
Metric	**Definition**
Total Collections	Sum of revenue collections from Building Plan Approval module
Total Permits Issued	Total # of building permits approved by concerned authority. This is different from total applications. Eg: If 100 citizens applied for a Building Permit and 90 were approved, then total permits issued = 90
Fire NOC	
Metric	**Definition**
Total Collections	Sum of revenue collections from Fire NOC module
Total NOCs Issued	Total # of NOCs approved by concerned authority. This is different from total applications. Eg: If 100 citizens applied for an NOC and 90 were approved, then total NOCs issued = 90
User Charges	
Metric	**Definition**
Total Collections	Sum of Total Collection recorded in Misc. Collection module for the selected time period. This will not include collection from revenue modules that are live.
Total Receipts	# of receipts issued to the citizen after he/she has made the payment for a service (eg: booking marriage hall etc)
Finance	
Metric	**Definition**
Total Revenue	Sum of all the net balance from Income heads for the selected time period.
Net Profits	Total Revenue - Total Expenses
Birth & Death Certificates	
Metric	**Definition**
Total Collections	Sum of revenue from Birth & Death module
Total Certificates Issued	Total # of birth & death certificates issued by concerned authority.

Annexure 2: National Dashboard Ingestion Specification

Swagger Documentation:

Following is the GitHub link of the swagger API documentation for National Dashboards data ingestion:

API Documentation *(Swagger documentation can be viewed in interactive format in the online editor:* Swagger Editor *)*

Master Data:

Property Tax

Attribute	Allowed Values
Payment Mode	Digital
	Non Digital
Usage Type	Residential
	Commercial
	Institutional
	Public and Semi Public
	Mixed Use
	Industrial
	Heritage
	Religious
	Recreational
	Vacant land
	Others
Payment Channel	Digital
	Non Digital
applicationStatus	APPROVED
	CORRECTIONPENDING

	DOCVERIFIED
	FIELDVERIFIED
	OPEN
	PAID
	REJECTED
	INITIATED

Trade License:

Attribute	Allowed Values
Trade Type	List of allowed trade types can be found in the following link: Trade Type Master Data
Status	INITIATED
	APPROVED
	APPLIED
	PENDINGPAYMENT
	CANCELLED
	CITIZENACTIONREQUIRED
	FIELDINSPECTION
	PENDINGAPPROVAL
	REJECTED
Payment Channel	Digital
	Non Digital

Public Grievance Redressal:

Attribute	Allowed Values
Channel	IVR

Attribute	Allowed Values
	WEB
	WHATSAPP
	MOBILE
Status	Open
	Reopened
	Resolved
	Assigned
	Rejected
	reassignrequested
	Reassigned
	Closed
Department	Streetlights
	Property Tax Branch
	Operation & Maintenance
	Horticulture
	Health & Sanitation
	Building & Roads
	Building Branch
	Complaint Cell
Complaint Type	No Streetlight
	Streetlight Not Working
	Installation of New Streetlight
	Receipt Not Generated
	Wrong Calculation PT

Attribute	Allowed Values
	How to pay PT
	Others
	Broken Water Pipe Or Leakage
	Overflowing Or Blocked Drain
	Illegal Discharge Of Sewage
	Cleaning Of Drains
	Sewage Main Hole Cover Missing Or Broken
	Shortage Of Water
	Water Entered House Rainy Season
	Water Pressure is Very Less
	No Water Supply
	Dirty Water Supply
	Illegal Cutting of Trees
	Cutting or Trimming of Tree Required
	Park Requires Maintenance
	Burning of Garbage
	Stray Animals
	Damaged Garbage Bin
	Dirty or Smelly Public Toilets
	No Water or Electricity in Public Toilets
	Garbage Needs to be Cleared
	Grass Cutting
	Request Spraying or Fogging Operation
	Non Sweeping of Road

Attribute	Allowed Values
	Dead Animals
	Water Logged Road
	Damaged or Blocked Footpath
	Road Jaali Broken
	Damaged Road
	Manhole Cover Missing or Damaged
	Illegal Rehries on Road
	Construction Material Lying on the Road
	Illegal Shops on Footpath
	Illegal Constructions
	Illegal Parking
	Others

Water & Sewerage:

Attribute	Allowed Values
Usage Type	Residential
	Commercial
	Institutional
	Mixed Use
	Industrial
	Others
Payment Channel	Digital
	Non Digital
Water Connection Usage Category	Residential
	Commercial

	Institutional
	Mixed Use
	Industrial
Sewerage Connection Usage Category	Residential
	Commercial
	Institutional
	Mixed Use
	Industrial
Connection Channel	COUNTER
	ONLINE
	SYSTEM
	CSC

Building Plan Approval:

Attribute	Allowed Values
Collection by Payment Mode	Digital
	Non Digital
Permits Issued by Risk Type	LOW
	MEDIUM
	HIGH
Permits Issued by Occupancy Type	RESIDENTIAL
	COMMERCIAL
	INSTITUTIONAL
	INDUSTRIAL
	MIXED

Misc. Collection:

Attribute	Allowed Values
Receipts Payment Mode	Digital
	Non Digital
Collection Payment Mode	Digital
	Non Digital
Challan Status	PAID
	CANCELLED
	ACTIVE
Receipts Status	NEW
	DEPOSITED
	DISHONOURED
Collection Status	NEW
	DEPOSITED
	DISHONOURED
Collection Category	Hoarding
	Road Show
	Unipolls
	Auction Fee
	User Fees

FireNOC:

Attribute	Allowed Values
Payment Mode	Digital
	Non Digital

NOC Type	PROVISIONAL
	ACTUAL
Usage Type	Residential
	Commercial
	Institutional
	Public and Semi Public
	Mixed Use
	Industrial
	Heritage
	Religious
	Recreational
	Vacant land
	Others

Metric Definitions:

Following are module wise tables containing the metric name and its definition. The breakup column contains the attributes by which the distribution of metrics has to be provided.

Property Tax:

Fields Added as on 1st April 2023

- ***todaysApprovedApplications*** - No. of Application Approved on a given date
- ***todaysApprovedApplicationsWithinSLA*** - No. of Applications Approved within SLA on a given date.
- ***avgDaysForApplicationApproval*** - Average no. of Days taken to approve application on a given date.
- ***paymentChannelType*** - Collection as per channel type mentioned.

Fields Added as on 1st May 2023

- ***StipulatedDays*** - No. of days stipulated for delivery of an urban service.

New fields Added as on 24th May 2023

- ***todaysApplicationsWithinSLA***: It denotes the number of applications that have been closed/ have completed the workflow today.
- ***todaysMovedApplications***: It is an array of application statuses moved today.

New fields Added as on 21st Dec 2023

- ***pendingApplicationsBeyondTimeline***: It denotes the number of applications that have been pending beyond the SLA timeline till the date on which data is being pushed (It is cumulative figure).

Metric	Definition	Breakup
Ward	Ward Code	Nil
Ulb	ULB Code	Nil
Region	The district or region for which the data is ingested	Nil
State	The State for which data belongs	Nil
transactions	Transactions done on the given date	Nil
todaysPropertiesRegistered	Properties registered on the given date	Breakup by financial year has to be provided
todaysApplications	Applications created on the given date	Nil

assessedProperties	Properties assessed on the given date	Nil
todaysCollection	Amount collected on given date	Breakup by usage category has to be provided
propertyTax	Base Property Tax collected on given date	Breakup by usage category has to be provided
cess	Cess collected on the given date	Breakup by usage category has to be provided
rebate	Rebate given on the given date	Breakup by usage category has to be provided
penalty	Penalty collected on the given date	Breakup by usage category has to be provided
interest	Interest collected on the given date	Breakup by usage category has to be provided
todaysApprovedApplications	No. of Application Approved on a given date	Nil
todaysApprovedApplicationsWithinSLA	No. of Applications Approved within SLA on a given date	Nil
avgDaysForApplicationApproval	Average no. of Days taken to approve application on a given date	Nil
paymentChannelType	Collection as per channel type mentioned	Breakup by Payment Channel Type has to be provided
StipulatedDays	No. of days stipulated for delivery of an urban service	Nil
todaysApplicationsWithinSLA	It denotes the number of applications that have been closed/ have completed the workflow today	Nil
todaysMovedApplications	t is an array of application statuses moved today	Breakup by Application Status has to be provided.
pendingApplicationsBeyondTimeline	It denotes the number of applications that have been pending beyond the SLA timeline till the date on which data is being pushed	Nil

Trade Licenses:

Fields Added as on 1st April 2023

- ***todaysApprovedApplications*** - No. of Application Approved on a given date.
- ***todaysApprovedApplicationsWithinSLA*** - No. of Applications Approved within SLA on a given date.
- ***avgDaysForApplicationApproval*** - Average no. of Days taken to approve application on a given date.
- ***paymentChannelType*** - Collection as per channel type mentioned.

Fields Added as on 1st May 2023

- ***StipulatedDays*** - No. of days stipulated for delivery of an urban service.

New fields Added as on 21st Dec 2023

- ***pendingApplicationsBeyondTimeline***: It denotes the number of applications that have been pending beyond the SLA timeline till the date on which data is being pushed (It is cumulative figure).

Metric	Definition	Breakup
ward	Ward Code	Nil
ulb	ULB Code	Nil
region	The district or region for which the data is ingested	Nil
state	The State for which data belongs	Nil
transactions	Transactions done on the given date	Nil
todaysApplications	Applications created on the given date	Nil
todaysLicenseIssued	Number of licenses issued on given date	Nil
tlTax	Base TL tax collected on the given date	Nil
adhocPenalty	AdhochPenalty collected on the given date	Nil
adhocRebate	AdhochRebate given on the given date	Nil
todaysCollection	Total amount collected on the given date	Breakup by trade category has to be provided

Metric	Definition	Breakup
applicationsMovedToday	Number of applications whose status has changed	Breakup by statuses
todaysTradeLicenses	trade licenses issued today	Breakup by statuses
todaysApprovedApplications	Total number of Application Approved on a given date	Nil
todaysApprovedApplicationsWithinSLA	Total number of Applications Approved within SLA on a given date	Nil
avgDaysForApplicationApproval	Average number of Days taken to approve application on a given date	Nil
paymentChannelType	Collection as per channel type mentioned	Breakup by Payment Channel Type has to be provided
StipulatedDays	No. of days stipulated for delivery of an urban service	Nil
pendingApplicationsBeyondTimeline	It denotes the number of applications that have been pending beyond the SLA timeline till the date on which data is being pushed	Nil

Public Grievance Redressal:

Fields Added as on 1st May 2023

- ***StipulatedDays*** - No. of days stipulated for delivery of an urban service.
- ***avgDaysForApplicationApproval*** - Average no. of Days taken to approve application on a given date.

New fields Added as on 21st Dec 2023

- ***pendingApplicationsBeyondTimeline***: It denotes the number of applications that have been pending beyond the SLA timeline till the date on which data is being pushed (It is cumulative figure).

Metric	Definition	Breakup
ward	The ward code for which the data is ingested	Nil
ulb	The ULB code for which the data is ingested	Nil

Metric	Definition	Breakup
region	The district or region for which the data is ingested	Nil
state	The State for which data belongs	Nil
closedComplaints	Complaints closed on given date	Nil
slaAchievement	Percentage of complaints that are resolved within SLA till the given date	Nil
uniqueCitizens	Number of unique citizens added on given date	Nil
resolvedComplaints	Number of Complaints resolved on the given date	Nil
todaysComplaints	sum of unique complaints submitted in selected time range	Breakup by status, channel, department, category
todaysOpenComplaints	Number of complaints that moved to open status on the given date	Breakup by department
todaysReopenedComplaints	Number of complaints that moved to reopened status on the given date	Breakup by department
todaysAssignedComplaints	Number of complaints that moved to assigned status on the given date	Breakup by department
todaysReassignedComplaints	Number of complaints that moved to reassigned status on the given date	Breakup by department
todaysRejectedComplaints	Number of complaints that moved to rejected status on the given date	Breakup by department
avgDaysForApplicationApproval	Average number of Days taken to approve application on a given date	Nil
StipulatedDays	No. of days stipulated for delivery of an urban service	Nil
pendingApplicationsBeyondTimeline	It denotes the number of applications that have been pending beyond the SLA timeline till the date on which data is being pushed	Nil

Water & Sewerage:

Fields Added as on 1st May 2023

- ***StipulatedDays*** - No. of days stipulated for delivery of an urban service
- ***avgDaysForApplicationApproval*** - Average no. of Days taken to approve application on a given date.

New fields Added as on 21st Dec 2023

- ***pendingApplicationsBeyondTimeline***: It denotes the number of applications that have been pending beyond the SLA timeline till the date on which data is being pushed (It is cumulative figure).

Metric	Definition	Breakup
ulb	ULB Code	Nil
state	State Name	Nil
ward	Ward Code	Nil
region	Region or District	Nil
Transactions	Number of transactions related to WS/SW module on a given date	Nil
connectionsCreated	Number of connections related to WS/SW module on a given date	Breakup by channel type and connection type has to be provided
todaysCollection	Total collection related to WS/SW module on a given date	Breakup by usage type, channel type and tax head has to be provided
waterConnections	new connections created on the given date	Breakup by meter type,usage and channel
sewerageConnections	new sewerage connections created on the given date	Breakup by usage and channel
pendingConnections	pending connections on the given date	Breakup by duration
avgDaysForApplicationApproval	Average no. of Days taken to approve application on a given date	Nil
StipulatedDays	No. of days stipulated for delivery of an urban service	Nil
pendingApplicationsBeyondTimeline	It denotes the number of applications that have been	Nil

Metric	Definition	Breakup
	pending beyond the SLA timeline till the date on which data is being pushed	

Misc. Collection:

Metric	Definition	Breakup
ward	The ward Code for which the data is ingested	Nil
Ulb	The ULB code for which the data is ingested	Nil
region	The district or region for which the data is ingested	Nil
state	The State for which data belongs	Nil
numberOfCategories	The number of different categories against which collections were made	Nil
citizenAverageRating	Citizen average Rating till the given date	Nil
todaysCollection	Total amount collected on given date	Breakup by Payment Mode, Status and Category
numberOfReceipts	Total number of receipts generated on the given date	Breakup by Payment Mode and Status
numberOfChallans	Total number of challans generated on the given date	Breakup by status

Building Plan Approval:

Fields Added as on 1st April 2023

- todaysApprovedApplications- No. of Application Approved on a given date.
- todaysApprovedApplicationsWithinSLA- No. of Applications Approved within SLA on a given date.
- avgDaysForApplicationApproval- Average no. of Days taken to approve application on a given date.

Fields Added as on 1st May 2023

- ***StipulatedDays*** - No. of days stipulated for delivery of an urban service.

New fields Added as on 21st Dec 2023

- ***pendingApplicationsBeyondTimeline***: It denotes the number of applications that have been pending beyond the SLA timeline till the date on which data is being pushed (It is cumulative figure).

Metric	Definition	Breakup
ward	The ward code for which the data is ingested	Nil
ulb	The ULB code for which the data is ingested	Nil
region	The district or region for which the data is ingested	Nil
state	The State for which data belongs	Nil
ocPlansScrutinized	Total number of OC plans scrutinized on the given date	Nil
plansScrutinized	Total number of plans scrutinized on the given date	Nil
ocSubmitted	Total number of OC submitted on the given date	Nil
applicationsSubmitted	Total number of applications submitted on the given date	Nil
ocIssued	Total number of OC issued on the given date	Nil
landAreaAppliedInSystemForBPA	Total land area applied in the system for BPA on the given date in sq m.	Nil
averageDaysToIssuePermit	Average days to issue permit till date	Nil
averageDaysToIssueOC	Average days to issue OC till date	Nil
todaysCollection	Total collection related to OBPS module on a given date	Breakup by Payment Mode
permitsIssued	Total permits issued on a given date	Breakup by Risk Type, Occupancy Type and Sub Occupancy Type

Metric	Definition	Breakup
todaysClosedApplicationsOC	Total number of OC Applications closed on the given date	Nil
todaysCompletedApplicationsWithinSLAOC	Total number of OC Applications closed on the given date within SLA	Nil
todaysClosedApplicationsPermit	Total number of Permit Applications closed on the given date	Nil
todaysCompletedApplicationsWithinSLAPermit	Total number of Permit Applications closed on the given date within SLA	Nil
slaComplianceOC	Total number of OCs issued within SLA / Total OCs issued - till the given date	Nil
slaCompliancePermit	Total number of permits issued within SLA / Total permits issued - till the given date	Nil
applicationsWithDeviation	Total number of Permit Applications with Deviation on the given date	Nil
averageDeviation	Average deviation % for all applications with deviations on the given date	Nil
ocWithDeviation	Total number of OC Applications with Deviation on the given date	Nil
todaysApprovedApplications	Total number of Application Approved on a given date	Nil
todaysApprovedApplicationsWithinSLA	Total number of Applications Approved within SLA on a given date	Nil
avgDaysForApplicationApproval	Average number of Days taken to approve application on a given date	Nil
StipulatedDays	No. of days stipulated for delivery of an urban service	Nil
pendingApplicationsBeyondTimeline	It denotes the number of applications that have been	Nil

Metric	Definition	Breakup
	pending beyond the SLA timeline till the date on which data is being pushed	

FireNOC:

New Input Fields Added as on 1st April 2023

- todaysApprovedApplications - No. of Application Approved on a given date
- todaysApprovedApplicationsWithinSLA - No. of Applications Approved within SLA on a given date.
- avgDaysForApplicationApproval - Average no. of Days taken to approve application on a given date.

Fields Added as on 1st May 2023

- ***StipulatedDays*** - No. of days stipulated for delivery of an urban service

New fields Added as on 21st Dec 2023

- ***pendingApplicationsBeyondTimeline***: It denotes the number of applications that have been pending beyond the SLA timeline till the date on which data is being pushed (It is cumulative figure).

Metric	Definition	Breakup
ward	the ward code for which data is ingested	Nil
ulb	the ULB code for which data is ingested	Nil
region	the district or region for which data is ingested	Nil
state	the state for which the data belongs	Nil
todaysCollection	Sum of revenue collected from issuance of a Fire NOC Application fee + NOC Issuance fee + renewal fee	breakup by payment mode and by department.
todaysApplications	total number of applications received	breakup by application type and by department
nocIssuedToday	number of NOCs issued today by the concerned authority	breakup by type (actual or provisional)
applicationsSubmitted	Total number of applications submitted for a new and renewal of a Provisional NOC	breakup by department

Metric	Definition	Breakup
provisionalNOCIssued	The Provisional NOC is to be obtained to ensure that the proposed constructions meet the fire safety compliant norms	breakup by department
actualNOCIssued	Total number of Fire NOCs issued by concerned authority	breakup by department
avgDaysToIssueProvisionalNOC	number of days taken to issue a Provisional NOC / Provisional NOCs issued	breakup by department
slaComplianceActual	number of Actual NOCs issued within SLA / Total applications	breakup by department
slaComplianceProvisional	number of Provisional NOCs issued within SLA / Total applications	breakup by department
avgDaysToIssueActualNOC	Total number of days taken to issue an actual NOC / Actual NOCs issued	breakup by department
actualNOCIssuedByDept	Total number of actual Fire NOCs issued by concerned authority	breakup by department
todaysApprovedApplications	Total number of Application Approved on a given date	Nil
todaysApprovedApplicationsWithinSLA	Total number of Applications Approved within SLA on a given date	Nil
avgDaysForApplicationApproval	Average no. of Days taken to approve application on a given date	Nil
StipulatedDays	No. of days stipulated for delivery of an urban service	Nil
pendingApplicationsBeyondTimeline	It denotes the number of applications that have been pending beyond the SLA timeline till the date on which data is being pushed	Nil

Desludging Service:

New fields Added as on 21st Dec 2023

- ***pendingApplicationsBeyondTimeline***: It denotes the number of applications that have been pending beyond the SLA timeline till the date on which data is being pushed (It is cumulative figure).

Metric	Definition	Breakup
todaysApplications	Total applications received on the mentioned date	Nil
todaysApprovedApplications	Total completed applications on the mentioned date	Nil
todaysApprovedApplicationsWithinSLA	Total completed applications within the SLA period on the mentioned date	Nil
todaysClosedApplications	Total closed applications on the mentioned date	Nil
totalVehicleTrips	Total number of trips completed for the specific ULB on the mentioned date	Nil
totalSludgeDumped	Total weight of sludge dumped at the FSTP's for the specific ULB on the mentioned date	Nil
totalSludgeCollected	Total weight of sludge collected for the specific ULB on the mentioned date	Nil
totalFSTPCapacity	Sum of the FSTP's capacity for the specific ULB	Nil
averageCitizenRating	Average of the rating provided by the citizen on the service provided	Nil
todaysCollection (usageCategory)	Amount collected on the mentioned date	breakup by Usage Category
todaysCollection (paymentChannelType)	Amount collected on the mentioned date	breakup by Payment Channel Type
pendingApplicationsBeyondTimeline	It denotes the number of applications that have been pending	Nil

	beyond the SLA timeline till the date on which data is being pushed	

COMMON:

Metric	Definition	Breakup
onboardedUlbsCount	Total number of ulbs onboarded till date	Nil
liveUlbsCount	Total number of live ulbs till date	Breakup by module
activeUlbsCount	Total number of active ulbs till date	Breakup by module
totalCitizensCount	Total number of citizens till date	Nil
SlaAchievement	Overall SLA Achievement across all modules	Nil

Frequency of ingesting data:

The recommended frequency for ingesting data for the national dashboard is ***daily at midnight***. For example, an employee who wants to ingest data for the date 1st January can do so on the end of the same day at midnight.

Note:

Step 1: ***State needs to integrate with the Test Environment first with dummy data and after confirmation of valid dummy data in the test environment by both the teams (State Tech team and Central Tech team),***

Step 2: After confirmation from the Central Tech team, State will ready to ingest live data in the production environment.

Step 3: State may be asked to replace the Test URL to the Production Environment for ingesting live data.

URL to ingest data in the */national-dashboard/metric/_ingest*

Test environment API: https://upyog-test.niua.org

Production environment API: https://upyog.niua.org

Sample Metrics:

Example Ingest Request Body:

```
{
  "RequestInfo": {
    "apiId": "asset-services",
    "ver": null,
    "ts": null,
    "action": null,
    "did": null,
    "key": null,
    "msgId": "search with from and to values",
    "authToken": "{{it is received from /user/oauth/token API – (Refer Annexure 3) from access_token parameter of the response object}}",
    "userInfo": {
//Copy and replace the highlighted values from the values generated from
//UserRequest object of the response from /user/oauth/token API - (Refer Annexure 3).
      "id": <generated from the /user/oauth/token API>,
      "uuid": "<generated from the /user/oauth/token API>",
      "userName": "<generated from the /user/oauth/token API>",
      "name": "<generated from the /user/oauth/token API>",
      "mobileNumber": "<generated from the /user/oauth/token API>",
      "emailId": <generated from the /user/oauth/token API> or null,
      "locale": <generated from the /user/oauth/token API> or null,
      "type": "<generated from the /user/oauth/token API>",
      "roles": [
        {
          "name": "<generated from the /user/oauth/token API>",
          "code": "<generated from the /user/oauth/token API>",
          "tenantId": "<generated from the /user/oauth/token API>"
        }
      ],
      "active": <generated from the /user/oauth/token API>,
      "tenantId": "<generated from the /user/oauth/token API>",
      "permanentCity": <generated from the /user/oauth/token API> or null
    }
  },
  "Data": [ //Payload
    {
        // to be added as per below Example Payload data and as per module
    }

  ]
}
```

Following are sample module wise payloads that have to be sent in the metric field in the */national-dashboard/metric/_ingest* API.

Property Tax (Example Payload data):


```
{
  "date": "23-03-2022",       // Date for which data is being ingested
  "module": "PT",
  "ward": "Block 1",              // to be changes as per ward code
  "ulb": "pg.citya",               //to be changed as per ulb codes shared
  "region": "CityA",
  "state": "PG",       //to be changed to State name for which data is being ingested
  "metrics": {
    "assessments": 29,
    "todaysTotalApplications": 62,
    "todaysClosedApplications": 21,
    "noOfPropertiesPaidToday": 9,
    "todaysApprovedApplications": 20,
    "todaysApprovedApplicationsWithinSLA": 10,
   "pendingApplicationsBeyondTimeline": 2,
    "avgDaysForApplicationApproval": 10,
    "StipulatedDays": 9,
    "todaysMovedApplications": [
      {
        "groupBy": "applicationStatus",
        "buckets": [
          {
            "name": "APPROVED",
            "value": 21
          },
          {
            "name": "CORRECTIONPENDING",
            "value": 12
          },
          {
            "name": "DOCVERIFIED",
            "value": 5
          },
          {
            "name": "FIELDVERIFIED",
            "value": 2
          },
          {
            "name": "OPEN",
            "value": 11
          },
          {
            "name": "PAID",
            "value": 3
          },
          {
            "name": "REJECTED",
            "value": 2
          },
          {
            "name": "INITIATED",
```

```
            "value": 6
          }
        ]
      }
    ],
    "propertiesRegistered": [
      {
        "groupBy": "financialYear",
        "buckets": [
          {
            "name": "2018-19",
            "value": 12
          },
          {
            "name": "2019-20",
            "value": 18
          },
          {
            "name": "2020-21",
            "value": 21
          }
        ]
      }
    ],
    "assessedProperties": [
      {
        "groupBy": "usageCategory",
        "buckets": [
          {
            "name": "Residential",
            "value": 21
          },
          {
            "name": "Commercial",
            "value": 11
          },
          {
            "name": "Mixed Use",
            "value": 13
          },
          {
            "name": "Industrial",
            "value": 21
          }
          {
            "name": "Institutional",
            "value": 13
          }

        ]
      }
    ],
    "transactions": [
      {
        "groupBy": "usageCategory",
        "buckets": [
```

```
        {
          "name": "Residential",
          "value": 21
        },
        {
          "name": "Commercial",
          "value": 11
        },
        {
          "name": “Mixed Use”,
          "value": 13
        },
        {
          "name": "Industrial",
          "value": 21
        }
        {
          "name": "Institutional",
          "value": 13
        }

    ]
  }
],
"todaysCollection": [
  {
    "groupBy": "usageCategory",
    "buckets": [
        {
          "name": "Residential",
          "value": 21
        },
        {
          "name": "Commercial",
          "value": 11
        },
        {
          "name": “Mixed Use”,
          "value": 13
        },
        {
          "name": "Industrial",
          "value": 21
        }
        {
          "name": "Institutional",
          "value": 13
        }

    ]
  },
  {
    "groupBy": "paymentChannelType",
    "buckets": [
        {
          "name": "Digital",
```

```
            "value": 8000
          },
          {
            "name": "Non Digital",
            "value": 7000
          }

        ]
      }
    ],
    "propertyTax": [
      {
        "groupBy": "usageCategory",
        "buckets": [
{
            "name": "Residential",
            "value": 21
          },
          {
            "name": "Commercial",
            "value": 11
          },
          {
            "name": “Mixed Use”,
            "value": 13
          },
          {
            "name": "Industrial",
            "value": 21
          },
          {
            "name": "Institutional",
            "value": 13
          }
        ]
      }
    ],
    "cess": [
      {
        "groupBy": "usageCategory",
        "buckets": [
          {
            "name": "Residential",
            "value": 21
          },
          {
            "name": "Commercial",
            "value": 11
          },
          {
            "name": “Mixed Use”,
            "value": 13
          },
          {
            "name": "Industrial",
            "value": 21
```

```
        },
        {
          "name": "Institutional",
          "value": 13
        }
      ]
    }
  ],
  "rebate": [
    {
      "groupBy": "usageCategory",
      "buckets": [
{
        "name": "Residential",
        "value": 21
      },
      {
        "name": "Commercial",
        "value": 11
      },
      {
        "name": “Mixed Use”,
        "value": 13
      },
      {
        "name": "Industrial",
        "value": 21
      }
      {
        "name": "Institutional",
        "value": 13
      }
    ]
  }
],
"penalty": [
  {
    "groupBy": "usageCategory",
    "buckets": [
      {
        "name": "Residential",
        "value": 21
      },
      {
        "name": "Commercial",
        "value": 11
      },
      {
        "name": “Mixed Use”,
        "value": 13
      },
      {
        "name": "Industrial",
        "value": 21
      },
```

```
                {
                  "name": "Institutional",
                  "value": 13
                }
              ]
            }
          ],
          "interest": [
            {
              "groupBy": "usageCategory",
              "buckets": [
{
                  "name": "Residential",
                  "value": 21
                },
                {
                  "name": "Commercial",
                  "value": 11
                },
                {
                  "name": “Mixed Use”,
                  "value": 13
                },
                {
                  "name": "Industrial",
                  "value": 21
                },
                {
                  "name": "Institutional",
                  "value": 13
                }
              ]
            }
          ]
        }
      }
```


Trade License (Example Payload data):


```
{
 "date": "29-12-2021",
 "module": "TL",
 "ward": "Ward 2",
 "ulb": "pg.citya",
 "region": "CityA",
 "state": "PG",
 "metrics": {
  "transactions": 29,
  "todaysApplications": 179,
  "tlTax": 50000,
  "adhocPenalty": 6000,
  "adhocRebate": 2000,
  "todaysLicenseIssuedWithinSLA": 41,
  "todaysApprovedApplications": 20,
 "pendingApplicationsBeyondTimeline": 2,
  "todaysApprovedApplicationsWithinSLA": 10,
```

```
"avgDaysForApplicationApproval": 10,
"StipulatedDays": 8,
"todaysCollection": [
 {
  "groupBy": "tradeType",
  "buckets": [
   {
    "name": "BRICKFIELD", //all other trade type can be added in CAPS
    "value": 21000
   },
   {
    "name": "GROCERYSTORES",
    "value": 20000
   },
   {
    "name": "CHARCOAL_KLIN",
    "value": 13000
   }
  ]
 },
       {
        "groupBy": "paymentChannelType",
        "buckets": [
         {
          "name": "Digital",
          "value": 8000
         },
         {
          "name": "Non Digital",
          "value": 7000
         }

        ]
       }
],
"todaysTradeLicenses": [
 {
  "groupBy": "status",
  "buckets": [
   {
    "name": "INITIATED",
    "value": 31
   },
   {
    "name": "APPLIED",
    "value": 56
   },
   {
    "name": "FIELDINSPECTION",
    "value": 32
   },
   {
    "name": "PENDINGAPPROVAL",
    "value": 44
   },
   {
    "name": "PENDINGPAYMENT",
```

```
      "value": 29
     },
     {
      "name": "APPROVED",
      "value": 23
     },
     {
      "name": "REJECTED",
      "value": 1
     },
     {
      "name": "CANCELLED",
      "value": 1
     },
    {
      "name": "CITIZENACTIONREQUIRED",
      "value": 1
     }
   ]
  }
],
"applicationsMovedToday": [
 {
  "groupBy": "status",
  "buckets": [
 {
      "name": "INITIATED",
      "value": 31
     },
     {
      "name": "APPLIED",
      "value": 56
     },
     {
      "name": "FIELDINSPECTION",
      "value": 32
     },
     {
      "name": "PENDINGAPPROVAL",
      "value": 44
     },
     {
      "name": "PENDINGPAYMENT",
      "value": 29
     },
     {
      "name": "APPROVED",
      "value": 23
     },
     {
      "name": "REJECTED",
      "value": 1
     },
     {
      "name": "CANCELLED",
      "value": 1
     },
```

```
      {
        "name": "CITIZENACTIONREQUIRED",
        "value": 1
      }
     ]
    }
   ]
  }
}
```


Public Grievance Redressal (Example Payload data):


```
{
 "date": "01-06-2022",
 "module": "PGR",
 "ward": "Ward 1",
 "ulb": "pg.citya",
 "region": "City A",
 "state": "PG",
 "metrics": {
  "avgDaysForApplicationApproval": 10,
  "StipulatedDays": 5,
  "slaAchievement": [
   {
    "groupBy": "department",
    "buckets": [
     {
      "name": "DEPT1",// All department Codes needs to be added here
      "value": 2
     },
     {
      "name": "DEPT2",
      "value": 0
     },
     {
      "name": "DEPT3",
      "value": 6
     }
    ]
   }
  ],
  "completionRate": [
   {
    "groupBy": "department",
    "buckets": [
     {
      "name": "DEPT1",
      "value": 2
     },
     {
      "name": "DEPT2",
      "value": 0
     },
     {
      "name": "DEPT3",
      "value": 6
     }
```

```
    ]
   }
  ],
  "uniqueCitizens": 22,
  "todaysComplaints": [
   {
    "groupBy": "status",
    "buckets": [
     {
      "name": "reopened",
      "value": 15
     },
     {
      "name": "open",
      "value": 20
     },
     {
      "name": "assigned",
      "value": 16
     },
     {
      "name": "rejected",
      "value": 14
     },
     {
      "name": "reassigned",
      "value": 10
     },
     {
      "name": "resolved",
      "value": 15
     },
     {
      "name": "closed",
      "value": 15
     },
     {
      "name": "reassignrequested",
      "value":10
     }
    ]
   },
   {
    "groupBy": "channel",
    "buckets": [
     {
      "name": "MOBILE",
      "value": 10
     },
     {
      "name": "WEB",
      "value": 90
     },
     {
      "name": "IVR",
      "value": 10
```

```
      },
      {
        "name": "WHATSAPP",
        "value": 90
      }
    ]
  },
  {
    "groupBy": "department",
    "buckets": [
      {
        "name": "DEPT1", //All Departments can be added here as per masters
        "value": 20
      },
      {
        "name": "DEPT2",
        "value": 50
      },
      {
        "name": "DEPT3",
        "value": 30
      }
    ]
  },
  {
    "groupBy": "category",
    "buckets": [
      {
        "name": "Street Lights", // All Complaint types can be added here as per masters
        "value": 20
      },
      {
        "name": "Road Repair",
        "value": 60
      },
      {
        "name": "Garbage Cleaning",
        "value": 10
      },
      {
        "name": "Drainage Issue",
        "value": 10
      }
    ]
  }
],
"todaysReopenedComplaints": [
  {
    "groupBy": "department",
    "buckets": [
      {
        "name": "DEPT1",
        "value": 20
      },
      {
        "name": "DEPT2",
        "value": 5
```

```
      },
      {
        "name": "DEPT3",
        "value": 3
      }
    ]
  }
],
"todaysOpenComplaints": [
  {
    "groupBy": "department",
    "buckets": [
      {
        "name": "DEPT1",
        "value": 2
      },
      {
        "name": "DEPT2",
        "value": 7
      },
      {
        "name": "DEPT3",
        "value": 11
      }
    ]
  }
],
"todaysAssignedComplaints": [
  {
    "groupBy": "department",
    "buckets": [
      {
        "name": "DEPT1",
        "value": 1
      },
      {
        "name": "DEPT2",
        "value": 0
      },
      {
        "name": "DEPT3",
        "value": 2
      }
    ]
  }
],
"averageSolutionTime": [
  {
    "groupBy": "department",
    "buckets": [
      {
        "name": "DEPT1",
        "value": 2
      },
      {
        "name": "DEPT2",
        "value": 4
```

```
      },
      {
        "name": "DEPT3",
        "value": 3
      }
    ]
  }
],
"todaysRejectedComplaints": [
  {
    "groupBy": "department",
    "buckets": [
      {
        "name": "DEPT1",
        "value": 2
      },
      {
        "name": "DEPT2",
        "value": 0
      },
      {
        "name": "DEPT3",
        "value": 6
      }
    ]
  }
],
"todaysReassignedComplaints": [
  {
    "groupBy": "department",
    "buckets": [
      {
        "name": "DEPT1",
        "value": 1
      },
      {
        "name": "DEPT2",
        "value": 3
      },
      {
        "name": "DEPT3",
        "value": 1
      }
    ]
  }
],
"todaysReassignRequestedComplaints": [
  {
    "groupBy": "department",
    "buckets": [
      {
        "name": "DEPT1",
        "value": 1
      },
      {
        "name": "DEPT2",
        "value": 3
```

```
        },
        {
          "name": "DEPT3",
          "value": 1
        }
       ]
      }
    ],
    "todaysClosedComplaints": [
     {
      "groupBy": "department",
      "buckets": [
       {
        "name": "DEPT1",
        "value": 1
       },
       {
        "name": "DEPT2",
        "value": 3
       },
       {
        "name": "DEPT3",
        "value": 1
       }
      ]
     }
    ],
    "todaysResolvedComplaints": [
     {
      "groupBy": "department",
      "buckets": [
       {
        "name": "DEPT1",
        "value": 1
       },
       {
        "name": "DEPT2",
        "value": 3
       },
       {
        "name": "DEPT3",
        "value": 1
       }
      ]
     }
    ]
   }
}
```


Water and Sewerage (Example Payload data):


```
{

  "date": "21-02-2022",

  "module": "WS",
```

```
"ward": "Ward 1",
"ulb": "pg.citya",
"region": "CityA",
"state": "PG",
"metrics": {
 "transactions": 2345,
 "connectionsCreated": [
  {
   "groupBy": "connectionType",
   "buckets": [
    {
     "name": "WATER.METERED",
     "value": 110
    },
    {
     "name": "WATER.NONMETERED",
     "value": 50
    },
    {
     "name": "SEWERAGE",
     "value": 50
    }
   ]
  }

 ],
 "todaysCollection": [
  {
   "groupBy": "usageType",
```

```
 "buckets": [
  {
   "name": " Residential ",
   "value": 11000
  },
  {
   "name": "Commercial",
   "value": 5000
  },
  {
   "name": "Institutional",
   "value": 5600
  }
 ]
},
{
 "groupBy": "paymentChannelType",
 "buckets": [
  {
   "name": "Digital",
   "value": 8000
  },
  {
   "name": "Non Digital",
   "value": 7000
  }
 ]
},
{
```

```
  "groupBy": "taxHeads",
  "buckets": [
   {
    "name": "INTEREST",
    "value": 7000
   },
   {
    "name": "LATE.CHARGES",
    "value": 8500
   },
   {
    "name": "ADVANCE",
    "value": 3700
   },
   {
    "name": "CURRENT.CHARGES",
    "value": 12422
   },
   {
    "name": "ARREAR.CHARGES",
    "value": 5778
   }
  ]
 },
 {
  "groupBy": "connectionType",
  "buckets": [
   {
    "name": "WATER.METERED",
```

```
      "value": 18700
    },
    {
      "name": "WATER.NONMETERED",
      "value": 8500
    },
    {
      "name": "SEWERAGE",
      "value": 10200
    }
   ]
  }
],
"sewerageConnections": [
  {
   "groupBy": "channelType",
   "buckets": [
    {
      "name": "ONLINE",
      "value": 30
    },
    {
      "name": "CSC",
      "value": 11
    },
    {
      "name": "SYSTEM",
      "value": 9
    },
```

```
    {
      "name": "COUNTER",
      "value": 9
    }

  ]
 },
 {
  "groupBy": "usageType",
  "buckets": [
    {
      "name": " Mixed Use",
      "value": 11
    },
    {
      "name": "Commercial",
      "value": 10
    },
    {
      "name": "Residential",
      "value": 14
    },
    {
      "name": "Institutional",
      "value": 6
    }
  ]
 }
],
```

```
"waterConnections": [
 {
  "groupBy": "channelType",
  "buckets": [
   {
    "name": "COUNTER",
    "value": 47
   },
   {
    "name": "ONLINE",
    "value": 53
   },
   {
    "name": "CSC",
    "value": 15
   },
   {
    "name": "SYSTEM",
    "value": 45
   }
  ]
 },
 {
  "groupBy": "usageType",
  "buckets": [
   {
    "name": " Residential",
    "value": 123
   },
```

```
    {
      "name": "Commercial",
      "value": 22
    }
   ]
  },
  {
   "groupBy": "meterType",
   "buckets": [
    {
      "name": "METERED",
      "value": 110
    },
    {
      "name": "NON.METERED",
      "value": 50
    }
   ]
  }
],
"pendingConnections": [
 {
   "groupBy": "duration",
   "buckets": [
    {
      "name": "0to3Days",
      "value": 11
    },
    {
```

```
        "name": "3to7Days",
        "value": 50
      },
      {
        "name": "7to15Days",
        "value": 5
      },
      {
        "name": "MoreThan15Days",
        "value": 2
      }
    ]
  }
 ],
 "slaCompliance": 24,
 "todaysTotalApplications": 35,
 "todaysClosedApplications": 33,
 "todaysCompletedApplicationsWithinSLA": 46,
 "pendingApplicationsBeyondTimeline": 2,
 "avgDaysForApplicationApproval": 20,
 "StipulatedDays": 6
 }
}
```


Misc. Collection (Example Payload data):


```
{
        "date": "03-10-2022",
        "module": "MCOLLECT",
        "ward": "Ward 1",
        "ulb": "pg.citya",
        "region": "CityA",
        "state": "PG",
        "metrics": {
```

```
"numberOfCategories": 9,
"todaysCollection": [
  {
    "groupBy": "paymentMode",
    "buckets": [
      {
        "name": "Digital",
        "value": 1765
      },
      {
        "name": "Non Digital",
        "value": 2415
      }
    ]
  },
  {
    "groupBy": "status",
    "buckets": [
      {
        "name": "NEW",
        "value": 1835
      },
      {
        "name": "DEPOSITED",
        "value": 1425
      },
      {
        "name": "DISHONOURED",
                "value": 1085
      }
    ]
  },
  {
    "groupBy": "category",
    "buckets": [
      {
        "name": "COMMON_MASTERS_HOARDING",
        "value": 135
      },
      {
        "name": "COMMON_MASTERS_ROAD_SHOW",
        "value": 805
      },
      {
        "name": "COMMON_MASTERS_UNIPOLLS",
        "value": 795
      },
      {
        "name": "COMMON_MASTERS_AUCTION_FEE",
        "value": 655
      },
      {
        "name": "COMMON_MASTERS_USER_FEES",
        "value": 495
      },
      {
        "name": "COMMON_MASTERS_MUNICIPAL_SHOPS_RENT",
```

```
          "value": 305
        },
        {
          "name": "COMMON_MASTERS_PARKING_FEE",
          "value": 555
        },
        {
          "name": "COMMON_MASTERS_TOWER_ANNUAL_RENT",
          "value": 505
        },
        {
          "name": "COMMON_MASTERS_TOWER_INSTALLATION",
          "value": 95
        }
      ]
    }
  ],
  "numberOfReceipts": [
    {
      "groupBy": "status",
      "buckets": [
        {
          "name": "NEW",
          "value": 174
        },
        {
          "name": "DEPOSITED",
          "value": 284
        },
        {
          "name": "DISHONOURED",
          "value": 187
        }
      ]
    },
    {
      "groupBy": "paymentMode",
      "buckets": [
        {
          "name": "Digital",
          "value": 163
        },
        {
          "name": "Non Digital",
          "value": 140
        }
      ]
    },
    {
      "groupBy": "category",
      "buckets": [
        {
          "name": "COMMON_MASTERS_HOARDING",
          "value": 56
        },
        {
          "name": "COMMON_MASTERS_ROAD_SHOW",
```

```
          "value": 51
        },
        {
          "name": "COMMON_MASTERS_UNIPOLLS",
          "value": 82
        },
        {
          "name": "COMMON_MASTERS_AUCTION_FEE",
          "value": 77
        },
        {
          "name": "COMMON_MASTERS_USER_FEES",
          "value": 46
        },
        {
          "name": "COMMON_MASTERS_MUNICIPAL_SHOPS_RENT",
          "value": 66
        },
        {
          "name": "COMMON_MASTERS_PARKING_FEE",
          "value": 63
        },
        {
          "name": "COMMON_MASTERS_TOWER_ANNUAL_RENT",
          "value": 103
        },
        {
          "name": "COMMON_MASTERS_TOWER_INSTALLATION",
          "value": 101
        }
      ]
    }
  ],
  "numberOfChallans": [
    {
      "groupBy": "challanStatus",
      "buckets": [
        {
          "name": "PAID",
          "value": 151
        },
        {
          "name": "CANCELLED",
          "value": 41
        },
        {
          "name": "ACTIVE",
          "value": 341
        }
      ]
    },
    {
      "groupBy": "category",
      "buckets": [
        {
          "name": "COMMON_MASTERS_HOARDING",
          "value": 45
```

```
            },
            {
              "name": "COMMON_MASTERS_ROAD_SHOW",
              "value": 70
            },
            {
              "name": "COMMON_MASTERS_UNIPOLLS",
              "value": 71
            },
            {
              "name": "COMMON_MASTERS_AUCTION_FEE",
              "value": 65
            },
            {
              "name": "COMMON_MASTERS_USER_FEES",
              "value": 75
            },
            {
             "name": "COMMON_MASTERS_MUNICIPAL_SHOPS_RENT",
              "value": 30
            },
            {
              "name": "COMMON_MASTERS_PARKING_FEE",
              "value": 61
            },
            {
              "name": "COMMON_MASTERS_TOWER_ANNUAL_RENT",
              "value": 56
            },
            {
              "name": "COMMON_MASTERS_TOWER_INSTALLATION",
              "value": 60
            }
          ]
        }
      ]
    }
  }
```


Building Plan Approval (Example Payload data):


```
{
 "date": "10-01-2022",
 "module": "OBPS",
 "ward": "Ward 1",
 "ulb": "pg.citya",
 "region": "CityA",
 "state": "PG",
 "metrics": {
  "ocPlansScrutinized": 120,
  "plansScrutinized": 540,
  "ocSubmitted": 50,
  "applicationsSubmitted": 50,
  "ocIssued": 19,
  "landAreaAppliedInSystemForBPA": 23442,
  "averageDaysToIssuePermit": 10,
  "averageDaysToIssueOC": 8,
```

```
 "todaysClosedApplicationsOC": 10,
 "todaysCompletedApplicationsWithinSLAOC": 5,
 "todaysClosedApplicationsPermit": 20,
 "todaysCompletedApplicationsWithinSLAPermit": 10,
"pendingApplicationsBeyondTimeline": 2,
 "slaComplianceOC": 20,
 "slaCompliancePermit": 40,
 "applicationsWithDeviation": 20,
 "averageDeviation": 10,
 "ocWithDeviation": 30,
 "todaysApprovedApplications": 20,
 "todaysApprovedApplicationsWithinSLA": 10,
 "avgDaysForApplicationApproval": 10,
 "StipulatedDays": 9,
 "todaysCollection": [
  {
   "groupBy": "paymentMode",
   "buckets": [
    {
     "name": "Digital",
     "value": 10000
    },
    {
     "name": "Non Digital",
     "value": 15000
    }
   ]
  }
 ],
 "permitsIssued": [
  {
   "groupBy": "riskType",
   "buckets": [
    {
     "name": "LOW",
     "value": 150
    },
    {
     "name": "MEDIUM",
     "value": 300
    },
    {
     "name": "HIGH",
     "value": 600
    }
   ]
  },
  {
   "groupBy": "occupancyType",
   "buckets": [
    {
     "name": "RESIDENTIAL",
     "value": 150
    },
    {
     "name": "INSTITUTIONAL",
```

```
      "value": 180
    },
    {
      "name": "COMMERCIAL",
      "value": 150
    },
    {
      "name": "INDUSTRIAL",
      "value": 180
    },
    {
      "name": "Mixed Use",
      "value": 180
    }


  ]
},
{
  "groupBy": "subOccupancyType",
  "buckets": [
    {
      "name": "RESIDENTIAL.INDIVIDUAL",
      "value": 50
    },
    {
      "name": "RESIDENTIAL.SHARED",
      "value": 20
    },
   {
      "name": "INSITUTIONAL.INDIVIDUAL",
      "value": 120
    },
    {
      "name": "INSITUTIONAL.SHARED",
      "value": 120
    },
   {
      "name": "COMMERCIAL.SHARED",
      "value": 120
    },
   {
      "name": "COMMERCIAL.INDIVIDUAL",
      "value": 120
    },
    {
      "name": "INDUSTRIAL.INDIVIDUAL",
      "value": 50
    },
    {
      "name": "INDUSTRIAL.SHARED",
      "value": 20
    },
    {
      "name": "MIXED.INDIVIDUAL",
      "value": 50
    },
```

```
      {
       "name": "MIXED.SHARED",
       "value": 20
      }
     ]
    }
   ]
  }
}
```


NOC (Example Payload data):


```
{
 "date": "25-02-2022",
 "module": "FIRENOC",
 "ward": "Ward 1",
 "ulb": "pg.citya",
 "region": "CityA",
 "state": "PG",
 "metrics": {
  "todaysClosedApplications": 18,
  "todaysCompletedApplicationsWithinSLA": 32,
  "todaysApprovedApplications": 20,
  "todaysApprovedApplicationsWithinSLA": 10,
  "avgDaysForApplicationApproval": 10,
 "pendingApplicationsBeyondTimeline": 2,
  "StipulatedDays": 6,
  "todaysApplications": [
   {
    "groupBy": "applicationType",
    "buckets": [
     {
      "name": "ACTUAL",
      "value": 30
     },
     {
      "name": "PROVISIONAL",
      "value": 54
     }
    ]
   },
   {
    "groupBy": "department",
    "buckets": [
     {
      "name": "DEPARTMENT1",
      "value": 35
     },
     {
      "name": "DEPARTMENT2",
      "value": 49
     }
    ]
   }
  ],
  "todaysCollection": [
   {
```

```
    "groupBy": "paymentMode",
    "buckets": [
     {
      "name": "Digital",
      "value": 5465
     },
     {
      "name": "Non Digital",
      "value": 1300
     }
    ]
   },
   {
    "groupBy": "department",
    "buckets": [
     {
      "name": "DEPARTMENT1",
      "value": 11767
     },
     {
      "name": "DEPARTMENT2",
      "value": 3968
     }
    ]
   }
  ],
  "nocIssuedToday": [
   {
    "groupBy": "type",
    "buckets": [
     {
      "name": "ACTUAL",
      "value": 13
     },
     {
      "name": "PROVISIONAL",
      "value": 65
     }
    ]
   }
  ],
  "provisionalNOCIssued": [
   {
    "groupBy": "department",
    "buckets": [
     {
      "name": "DEPARTMENT1",
      "value": 30
     },
     {
      "name": "DEPARTMENT2",
      "value": 23
     }
    ]
   }
  ],
  "actualNOCIssued": [
```

```
  {
   "groupBy": "department",
   "buckets": [
    {
     "name": "DEPARTMENT1",
     "value": 56
    },
    {
     "name": "DEPARTMENT2",
     "value": 43
    }
   ]
  },
  {
                "groupBy": "usageType",
                "buckets": [
                  {
                    "name": "RESIDENTIAL",
                    "value": 20
                  },
                  {
                    "name": "INSTITUTIONAL",
                    "value": 30
                  },
                  {
                    "name": "INDUSTRIAL",
                    "value": 50
                  },
                  {
                    "name": "MIXED USE",
                    "value": 60
                  }

]
  }
 ],
 "avgDaysToIssueProvisionalNOC": [
  {
   "groupBy": "department",
   "buckets": [
    {
     "name": "DEPARTMENT1",
     "value": 54
    },
    {
     "name": "DEPARTMENT2",
     "value": 43
    }
   ]
  }
 ],
 "slaComplianceActual": [
  {
   "groupBy": "department",
   "buckets": [
    {
     "name": "DEPARTMENT1",
```

```
          "value": 65
        },
        {
          "name": "DEPARTMENT2",
          "value": 33
        }
       ]
     }
    ],
    "slaComplianceProvisional": [
     {
      "groupBy": "department",
      "buckets": [
       {
         "name": "DEPARTMENT1",
         "value": 23
       },
       {
         "name": "DEPARTMENT2",
         "value": 34
       }
      ]
     }
    ],
    "avgDaysToIssueActualNOC": [
     {
      "groupBy": "department",
      "buckets": [
       {
         "name": "DEPARTMENT1",
         "value": 43
       },
       {
         "name": "DEPARTMENT2",
         "value": 12
       }
      ]
     }
    ]
  }
}
```


Desludging Service (Example Payload data):


```
{
  "RequestInfo": {
    "apiId": "asset-services",
    "ver": null,
    "ts": null,
    "action": null,
    "did": null,
    "key": null,
    "msgId": "search with from and to values",
    "authToken": "237c171d-cf28-40b7-8024-4cb920c8f1e9",
    "userInfo": {
      "id": 9709,
      "uuid": "a926d6af-d6f2-4041-b73a-c99390929484",
```

```
    "userName": "",
    "name": "",
    "mobileNumber": "",
    "emailId": null,
    "locale": null,
    "type": "EMPLOYEE",
    "roles": [
     {
      "name": "National Dashboard Admin",
      "code": "NATADMIN",
      "tenantId": "pg.citya"
     },
     {
      "name": "Basic employee roles",
      "code": "COMMON_EMPLOYEE",
      "tenantId": "pg.citya"
     }
    ],
    "active": true,
    "tenantId": "pg.citya",
    "permanentCity": null
   }
  },
  "Data": [
   {
    "date": "04-05-2022",
    "module": "FSM",
    "ward": "Phul Bazar Block 8 - B8 - A5",
    "ulb": "ka.aminagad",
    "region": "aminagad",
    "state": "Karnataka",
    "metrics": {
     "todaysApplications": 10,
     "todaysApprovedApplications": 2,
     "todaysApprovedApplicationsWithinSLA": 3,
     "todaysClosedApplications": 5,
     "transactions": 5,
     "totalVehicleTrips": 16,
     "totalSludgeDumped": 1600,
     "totalSludgeCollected": 2000,
     "totalFSTPCapacity": 10000,
    “pendingApplicationsBeyondTimeline": 2,
     "averageCitizenRating": 5,
     "todaysCollection": [
      {
       "groupBy": "usageCategory",
       "buckets": [
        {
         "name": "RESIDENTIAL",
         "value": 16000
        },
        {
         "name": "COMMERCIAL",
         "value": 22500
        },
        {
```

```
          "name": "INDUSTRIAL",
          "value": 26000
        }
       ]
      },
      {
       "groupBy": "paymentChannelType",
       "buckets": [
        {
         "name": "Digital",
         "value": 8000
        },
        {
         "name": "Non Digital",
         "value": 7000
        }

       ]
      }
     ]
    }
   }
  ]
}
```


Street Vending (Example Payload data):


```
 "Data": [
    {
      "date": "01-07-2025",
      "module": "SV",
      "ward": "Block 3",
      "ulb": "pg.citya",
      "region": "City A-MC",
      "state": "PG",
      "metrics": {
        "totalStreetVendors": 1500,
        "numberOfVendingZones": 5000,
        "totalStreetVendingLicenseApplied": 1200,
        "totalStreetVendingLicenseIssued": 1100,
        "percentageLicenseIssuedVsApplied": 97.67,
        "averageTATLicenseIssued": 100,
        "licenseByAge_30_45": 50,
        "licenseByAge_45_60": 40,
        "licenseByAge_60plus": 30,
        "licenseByGender": [
          {
            "groupBy": "ageGroup",
            "buckets": [
              {
                "name": "18-30",
                "value": 300
              },
              {
```

```
            "name": "30-45",
            "value": 500
          },
          {
            "name": "45-60",
            "value": 400
          },
          {
            "name": "60+",
            "value": 100
          }
        ]
      }
    ],
    "registrationType": [
      {
        "groupBy": "vendingType",
        "buckets": [
          {
            "name": "Stationary",
            "value": 300
          },
          {
            "name": "Mobile",
            "value": 500
          }
        ]
      }
    ],
    "totalLicenseAppliedbyMale": 200,
    "totalLicenseAppliedbyFemale": 100,
    "numberOfApplicationsRejected": 100,
    "rejectionRate": 8.33,
    "fixedSpotsOfferedByStateUT": 200,
    "fixedSpotsOfferedByULB": 150,
    "totalRevenueTargeted": 500,
    "totalRevenueCollected": 4500,
    "targetAchievementPercentage": 90,
    "totalUrbanHouseholds": 800000,
    "licenseByAge_18_30": 300
  }
 }
]
```


Finance (Example Payload data):


```
"Data": [
  {
    "date": "28-02-2025",
    "timestamp": "2025-02-28T00:00:00Z",
    "module": "FINANCE",
    "ward": "Block 3",
    "ulb": "pg.citya",
    "region": "City A-MC",
```

```
        "state": "PG",
        "metrics": {
            "financeTotalIncome": 198000,
            "financeTotalExpenditure": 158000,
            "financeTotalBillCreated": 105,
            "financeNumberOfBillsPaid": 100,
            "financeTotalRegisteredULBs": 12

        }
    }
]
```

COMMON (Example Payload data):

```
{
 "date": "06-02-2022",
 "module": "COMMON",
 "ward": "Ward 1",
 "ulb": "pg.citya", // enter the ULB code received while tenant migration
 "region": "CityA",
 "state": "PG", // state name
 "metrics": {
  "status": "Live",
  "onboardedUlbsCount": 1,
  "totalCitizensCount": 1250,  // Total number of citizens till date
  "totalLiveUlbsCount": 1,  // totalLiveUlbsCount –( if the ULB is live send 1 else 0)
  "totalUlbCount": 1,
  "slaAchievement": 75,
  "liveUlbsCount": [
   {
    "groupBy": "serviceModuleCode",
    "buckets": [
     {
      "name": "PT",
      "value": 1    // if ULB is pushing data for this module then value is 1 else do not add it in payload.
     },
     {
      "name": "TL",
      "value": 1 // if ULB is pushing data for this module then value is 1 else do not add it in payload.
     },
     {
      "name": "FIRENOC",
      "value": 1 // if ULB is pushing data for this module then value is 1 else do not add it in payload.
     },
     {
      "name": "PGR",
      "value": 1 // if ULB is pushing data for this module then value is 1 else do not add it in payload.
     },
     {
      "name": "WS",
      "value": 1 // if ULB is pushing data for this module then value is 1 else do not add it in payload
     }
    ]
   }
```

```
  ]
 }
}
```

API Documentation

```
openapi: 3.0.0
info:
  version: 1.0.0
  title: National Dashboard Data Ingest
  description: |
    ### API specs for Data ingest in National Dashboard ###
    The API provides a way to ingest key performance metrics for modules in the National Dashboard
system so as to provide a combined view of all states data metrics in National Dashboards`
  contact:
    name: Client Placeholder
    email: client@email.com
x-module: DSS
x-common-path: 'https://raw.githubusercontent.com/upyog/UPYOG/master/core-
services/docs/common-contract.yml'
paths:
  /national-dashboard/metric/_ingest:
    post:
      summary: API to ingest metrics in national dashboards on daily basis
      description: Ingest data metrics for given module
      tags:
        - Data Ingest
      requestBody:
        content:
          application/json:
            schema:
              $ref: '#/components/schemas/IngestRequest'
        description: Request schema.
        required: true
      responses:
        '200':
          description: Data ingested successfully
          content:
            '*/*':
              schema:
                $ref: '#/components/schemas/IngestResponse'
        '400':
          description: Failed to ingest the data
          content:
            '*/*':
              schema:
                $ref: 'https://raw.githubusercontent.com/upyog/UPYOG/master/core-services/docs/common-
contract.yml#/components/schemas/ErrorRes'
  /national-dashboard/masterdata/_ingest:
    post:
      summary: Ingests master data in DSS system
      description: Ingest data master data like target metrics for given module
      tags:
        - Master Data Ingest
      requestBody:
        content:
          application/json:
            schema:
              $ref: '#/components/schemas/MasterDataRequest'
        description: Request schema.
```

```
      required: true
    responses:
      '202':
        description: Data ingested successfully
        content:
          '*/*':
            schema:
              $ref: '#/components/schemas/MasterDataResponse'
      '400':
        description: Failed to ingest the data
        content:
          '*/*':
            schema:
              $ref: 'https://raw.githubusercontent.com/upyog/UPYOG/master/core-services/docs/common-
contract.yml#/components/schemas/ErrorRes'
components:
  schemas:
    Data:
      type: object
      description: 'Data object containing metrics that are to be ingested for DSS Dashboards'
      properties:
        date:
          type: string
          description: Date of data ingestion in dd-MM-yyyy format
          example: "30-01-2022"
        module:
          type: string
          description: Module code for which data is ingested. Module code mapping is as follows
            "PT" -> "Property Tax",
            "TL" -> "Trade License",
            "WS" -> "Water and Sewerage",
            "OBPS" -> "Online Building Permission System",
            "FIRENOC" ->"Fire Noc",
            "PGR"-> "Public Grievance Redressal",
            "MCOLLECT" -> "Miscellaneous Collection",
            "COMMON" -> "Common attributes required for overview"

          enum: [PT, PGR, WS, SW, OBPS, FIRENOC, TL, MCOLLECT, COMMON]
          example: PT
        ward:
          type: string
          description: Ward Name
          minLength: 1
          maxLength: 64
          example: "Ajit Nagar"
        ulb:
          type: string
          description: ULB name
          minLength: 1
          maxLength: 64
          example: "amritsar"
        region:
          type: string
          description: The Region or District
          minLength: 1
          maxLength: 64
          example: "Amritsar-MC"
```

```
      state:
        type: string
        description: Name of the state which is pushing data
        example: Punjab
        minLength: 1
        maxLength: 64
      metrics:
        type: object
        description: Key-value pairs of metric_names to metric_values
        example: '{"tenantId":"pb.amritsar","state":"Punjab","ward":"Ajit
Nagar","DDR":"Amritsar","transactions":2345,"totalApplications":2100,"assessedProperties":1400,"prop
ertiesRegistered":[{"groupBy":"FinancialYear","buckets":[{"name":"2019-
20","value":300},{"name":"2020-21","value":1100},{"name":"2021-
22","value":100}]}],"totalCollection":[{"groupBy":"UsageCategory","buckets":[{"name":"RESIDENTIAL",
"value":8000},{"name":"COMMERCIAL","value":7500},{"name":"INDUSTRIAL","value":8500}]}],"prop
ertyTax":[{"groupBy":"UsageCategory","buckets":[{"name":"RESIDENTIAL","value":8000},{"name":"CO
MMERCIAL","value":1000},{"name":"INDUSTRIAL","value":2000}]}],"cess":[{"groupBy":"UsageCatego
ry","buckets":[{"name":"RESIDENTIAL","value":1500},{"name":"COMMERCIAL","value":700},{"name":
"INDUSTRIAL","value":800}]}],"rebate":[{"groupBy":"UsageCategory","buckets":[{"name":"RESIDENTI
AL","value":1000},{"name":"COMMERCIAL","value":0},{"name":"INDUSTRIAL","value":0}]}],"penalty"
:[{"groupBy":"UsageCategory","buckets":[{"name":"RESIDENTIAL","value":3000},{"name":"COMMERC
IAL","value":1000},{"name":"INDUSTRIAL","value":2000}]}],"interest":[{"groupBy":"UsageCategory","b
uckets":[{"name":"RESIDENTIAL","value":1800},{"name":"COMMERCIAL","value":1000},{"name":"IN
DUSTRIAL","value":1200}]}]}'
    required:
      - date
      - module
      - ulb
      - ward
      - region
      - state
      - metrics
  IngestRequest:
    type: object
    description: Request object to ingest data in DSS system
    properties:
      RequestInfo:
        $ref: 'https://raw.githubusercontent.com/egovernments/egov-
services/PT_APPLY_PAY/docs/common/contracts/v1-1-1.yml#/components/schemas/RequestHeader'
      Data:
        $ref: '#/components/schemas/Data'
    required:
      - RequestInfo
      - Data

  IngestResponse:
    type: object
    description: Response object
    properties:
      responseInfo:
        $ref: 'https://raw.githubusercontent.com/upyog/UPYOG/master/core-services/docs/common-
contract.yml#/components/schemas/ResponseHeader'


  MasterData:
    type: object
    description: 'Data object containing static master data to be ingested for DSS Dashboards'
```

```
    properties:
      financialYear:
        type: string
        description: Financial Year for which the master data is configured
        example: "2022-23"
      module:
        type: string
        description: Module for which data is ingested
        example: PT
      ulb:
        type: string
        description: ULB name
        minLength: 1
        maxLength: 64
        example: "amritsar"
      region:
        type: string
        description: The Region or District
        minLength: 1
        maxLength: 64
        example: "Amritsar-MC"
      state:
        type: string
        description: Name of the state which is pushing data
        example: Punjab
        minLength: 1
        maxLength: 64
      metrics:
        type: object
        description: Key-value pairs of metric_names to metric_values
        example: '{
          "date": "07-04-2022",
          "snoForMunicipalCorporation": "1",
          "ulbName": "Amritsar",
          "budgetProposedForMunicipalCorporation": 10000000
        }'
      auditDetails:
        $ref: 'https://raw.githubusercontent.com/upyog/UPYOG/master/core-services/docs/common-
contract.yml#/components/schemas/AuditDetails'
    required:
      - financialYear
      - module
      - ulb
      - region
      - state
      - metrics

  MasterDataRequest:
    type: object
    description: Request object to ingest data in DSS system
    properties:
      RequestInfo:
        $ref: 'https://raw.githubusercontent.com/egovernments/egov-
services/PT_APPLY_PAY/docs/common/contracts/v1-1-1.yml#/components/schemas/RequestHeader'
      MasterData:
        $ref: '#/components/schemas/MasterData'
    required:
```

```
      - RequestInfo
      - MasterData

    MasterDataResponse:
      type: object
      description: Response object
      properties:
        responseInfo:
          $ref: 'https://raw.githubusercontent.com/upyog/UPYOG/master/core-services/docs/common-
contract.yml#/components/schemas/ResponseHeader'
```

Annexure 3: cURL for Creation of Access Token and User Information for User

Note:

Step 1: *State needs to integrate with the Test Environment first by using Test Environment Access Token.*

Step 2: After confirmation from the Central Tech team, State will be ready to ingest live data in the production environment.

Step 3: State may be asked to replace the Test Environment Access token to the Production Environment Access token for ingesting data.

Test Environment

```
curl --location --request POST 'https://upyog-test.niua.org/user/oauth/token' \
--header 'accept: application/json, text/plain' \
--header 'authorization: Basic ZWdvdi11c2VyLWNsaWVudDo=' \
--header 'content-type: application/x-www-form-urlencoded' \
--data-urlencode 'username={{Central Team will provide the same}}' \
--data-urlencode 'password={{Central Team will provide the same}}' \
--data-urlencode 'grant_type=password' \
--data-urlencode 'scope=read' \
--data-urlencode 'tenantId={{Central Team will provide the same}}' \
--data-urlencode 'userType={{Central Team will provide the same}}'
```

Prod Environment

```
curl --location --request POST 'https://upyog.niua.org/user/oauth/token' \
--header 'accept: application/json, text/plain' \
--header 'authorization: Basic ZWdvdi11c2VyLWNsaWVudDo=' \
--header 'content-type: application/x-www-form-urlencoded' \
--data-urlencode 'username={{Central Team will provide the same}}' \
--data-urlencode 'password={{Central Team will provide the same}}' \
--data-urlencode 'grant_type=password' \
--data-urlencode 'scope=read' \
--data-urlencode 'tenantId={{Central Team will provide the same}}' \
--data-urlencode 'userType={{Central Team will provide the same}}'
```

Note:

Kindly Write a mail to the central team at cdg-contact@niua.in for the same, we will provide testing credentials for testing purposes initially.

- State team need to provide information to the central team in the provided **Google drive link**: (https://drive.google.com/drive/folders/1uftgGCDo1LkKBKtM-F8O5TYDJNhoWk52?usp=sharing),
- Also, please provide the attached excel sheet information to central team on mail, so that the same can configured at Central Server accordingly.

Note:

After receiving the excel sheet from the State team, the Central team will configure the tenant on the central instance for dashboard and share back tenant Id with State team for implementation of tenant at state end. State will share the tenant id instead of the tenant's name.

Annexure 4: Trade Type Master Data

Following is the list of trade types (categories) in the Trade License module.

Trade Types
Any other manufacturing or storehouse or plane of business not specified elsewhere form offensive or unwholesome smell noise or smoke arise
Atta Chakki
Bitumen
Blacksmith
Brick Field Brick Kiln
Bricks or tiles by hand power
Bricks or tiles by mechanical power
Charcoal Kiln
Coaching centers
Copper smithy
Desi Sharab
Dyeing Printing and Bleaching of Cloth Yarn Leather
Electroplating
Flour Mills
Ghee
Glass Bevelling Cutting Polishing

Gold smith / Silversmith
Grinding Edibles by Mechanical Process
Hemp
Insecticide or disinfectants
Jewelers
Bone meat and Bone powder
fish meat and churby
Building material construction building on hire
Item made with cement
mentholated and denture spirit
Biri leaves
fuel wood coke and hard coke katch kola
teak wood other than fuel wood
Coal
fuel wood
A store for less than gross match up to 20
Cement
cloth containing nylon terylene synthetic yarn Terri wool woolen
Druggist Mats and Coconut fibers
rubber tires vehicle
Medicine and drugs
optical Surgical goods

machinery goods Vbelts
sanitary fitting
Karyana and Desi medicine
two wheelers
four wheelers
Panja Kassi
LPG Gas Cylinder and other Gas cylinder
Transformer
Muniyari General store
Watch showroom and shops
Dynamite Carbonate
Nitro mixture Sulphur Phosphors
Rags
new By cycles and spare parts
Lottery stall and shop
Temporary stall any item
Any exhibition in Marriage palace Dharamshala Hotel Open place for promotion purpose
Cylinder and other than LPG cylinder
LPG Gas
hoof horns
raw wool and raw cotton
Skin

yarn other than waste yarn
Skin and tallow
Camper
Resin dinner batter otherwise known as real
Kemp
Straw
Nytro mixer Sulphur phosphorus blasting powder
Bamboos
dry Leaves and articles made thereof Boedi Leaves
English wine and Beer Bar
All kinds Hosiery Machines run by Electric Motors and oil Engines
Groceries and items domestic
Furniture
Cattle Feed
Fireworks
Store for unslaked lime
Hydrogenated oil sugar
Matchboxes
Fireworks
tor Xray films
Ahata
Desi Sharab

plywood modeling mica and glass
Hosiery Goods
Bardana Store
Celluloid Plastic goods
tor tar coal and Bitumen
mobile computer
vegetable oil and hydrogenated oil shops
electronic goods
paper and goods made including books and magazines
Silk Cloths and Art Silk
gun powder and cartridges
Plywood Mica
Candle Dhoop Aggarwatti
Dynamo Batteries and spare parts thereof
Vartan Crockery and Gift house
Hessian Cloth Jute and goods made thereof Packing stuff
Gold and Silver jewelries Goldsmith
Flowers
Grass Chara Bhusa Kay Powder and Turri
Oil seeds fodder Seeds and Cotton seeds
Leather goods Leather foam Rexon and articles
Tyre Tube

Insecticides Patricides and Fertilizers
Sirki Bann Khajoor Patta Munj Ropes and Nylon Ropes
marble cutting grinding dressing polishing
Video Cassettes
photographic films
Audio cassettes
Electric goods
Tobacco Zarda
Leather goods Leather foam Rexon and articles
Vegetable oil and hydrogenated oil
Cloth containing nylon terylene synthetic yarn Terri wool woolen
paints turpentine all kinds spirits colors varnish thinner oil their trading
For working power looms
mentholated and denture spirit
Kerosene oil Mobil oil crude oil grease and all kinds lubricant oil
plywood modeling mica and glass
fuel wood coke and hard coke katch kola
teak wood other than fuel wood
coal
fuel wood
cement
Bardana Store

Celluloid Plastic goods
tor tar coal and Bitumen
mobile computer
sanitary fitting including GI CI Pipes SW Pipes AC Pipes Cement Pipes
Beer Bar
English Wine and Beer Wholesale
electronic goods and spare
paper and goods made thereof including books and magazines
Silk Cloths and Art Silk
gun powder and cartridges
Beer Bar
English Wine and Beer Wholesale
Candle Dhoop Aggarwatti
waste paper bags
LPG Gas Cylinder and other Gas cylinder
Dynamo Batteries
transformer
Vartan Crockery and Gift house
Hessian Cloth Jute and goods made thereof Packing stuff
Petrol Diesel
Gold and Silver jewelries Goldsmith
flowers

Grass Chara Bhusa Kay Powder and Turri
Oil seeds fodder Seeds and Cotton seeds
Cylinder and other than LPG cylinder
Leather goods Leather foam Rexon and articles
Tyre Tube
shuttering and pad materials for hire purposes
cotton in pressed bales
cloth in pressed bales
raw wool and raw cotton
yarn other than waste yarn
Insecticides Patricides and Fertilizers
Sirki Bann Khazoor Patta Munj Ropes and Nylon Ropes
cold store
marble cutting grinding dressing polishing
Any other store house place business not specified elsewhere
Video Cassettes
photographic films
Audio cassettes
Electric goods
Cattle Feed
fireworks
Any other store house not specified elsewhere from which offensive unwholesome smell noise smoke

Kerosene oil Whole
Hydrogenated oil sugars
Non Dangerous Petroleum Product
Non Dangerous Petroleum Product
fireworks
carton
English wine
Desi Sharab
Hosiery Goods
Atta Chakki
Printing Press
Tent House
Cinema films
Aluminum door fitting fabrications
Cable operator
Cinema Hall
Circuses fair magic show
Dhabha
Diesel engine services
Dry cleaning
Hotel Restaurant
junk dealer

motel
Nursing home private hospital ultrasound CT scan centers
Public Model School
Service Station Workshop
Testing Lab
Watch repair
Welding set
All Dhaba Tea shop and Halwai shop
All Hotels Restaurant Beer Bar
Barbers Shop
Beauty Parlor
Cinema Circus
Computer coaching / training coaching center and cyber cafe
gym fitness center
Laundry Shop
Marriage Palaces
Nursing Homes Private Hospital Ultra Sound CT Scan Centre
Painter Flex printing / Printing press / Screen printing
Poultry Forms
Printing press
property dealer
shop tailoring running with electronic instrument

Transport and Booking Agency
Workshop