

No	Question	Response
1	Is there any Data Quality and MDM system in place already? or it should be developed from scratch?	No centralized system yet. To be built.
2	What are the master data domains to be managed (region, species, produce, etc.)?	Yes. Region, Species, Produce can be the domains. The domains and related structure need to be finalized as part of the data modelling exercise before implementation begins
3	Are there any specific hierarchies or relationships within master data?	Yes, there will be hierarchies and relationships within the master data. For example, the regions have hierarchy like circle, division, range.
4	Is the new MDM system deployed on-premises or in the cloud?	On Premise only
5	Do the sources involve Cloud systems and on-premises systems	Source can be both on premises and cloud. We will be integrating their APIs
6	How many data sources are expected to be considered for MDM in MVP?	3 to 4 new data sources on top of the existing data in the system
7	How many data sources to be considered for Total MDM implementation?	We have around 20+ datasets which will be ingested and exposed across 2 phases. This is a preliminary list. Additional datasets may be added, if necessary, though the number is expected to remain limited.
8	What type of data sources we will need to consider for MDM? (RDBMS, Flat files, CSV files, SAP etc.)	RDBMS, CSV
9	How many tables in total from all these sources will be contributing to one MDM entity? (e.g. How many tables for Species entity, how many tables for region etc.)	This is to be done as part of the data modeling exercise for all the different types of data coming in from the sources
10	What is the expected volume of master data records (initial + projected YOY growth)? Please specify the number of records for each Master data domain (Region, species etc.)	This is yet to be detailed out, but the YOY growth shouldn't be more than 10-20%. Number of records for different domains also won't be high, e.g., there might be ~500 records for regions and ~100 for species
11	Will there be reference data required for main master data management? if yes, will it be given by RFD?	Yes, it will be provided by RFD
12	Are there any Realtime data integration done in current solution? Will that be required to integrate in new MDM solution?	Not required at this point

13	What types of users will be interacting with the MDM system (e.g., admin, analyst, data stewards)?	Admin for now
14	What are the regulatory requirements your MDM system needs to comply with?	Just English for now
15	Are there multilingual requirements for species or region names?	only English for now.it may be required later
16	Are there any predefined naming conventions or taxonomies to be followed?	There might be naming convention at source, but we need to define it for the exchange from scratch
17	How is the quality of the data to be fed into MDM system? Will there be a need for any Data Quality system to be in place before consolidating the data in MDM?	Data Quality system is required
18	Are you particular about any global MDM vendor like Informatica, Profisee, Atacamma etc. or any suitable MDM system is fine?	We are not looking to integrate any enterprise MDM offerings. This can be a basic custom MDM to begin with and should be scalable to include new functionalities and data
19	What is the preferred data ingestion tool (Airflow mentioned—can it be confirmed)?	Airflow is preferred but not mandatory. Any other open-source offering will work provided it has better functionalities to offer over Airflow
20	What APIs need to be developed for data exchange—internal, public, or both?	Both. Public to begin with.
21	Is there an existing data catalog or metadata management system in use?	No
22	What authentication/authorization mechanisms should be integrated (e.g., SSO, API tokens)?	For APIs offered on the platform, API keys will be preferred. Other forms of authentication can also be explored
23	Who will be responsible for managing synonyms, conflicts, and approval workflows?	Admin for now
24	Are there any data sensitivity/privacy classifications applicable to master data?	Yes, certain Forest Department data will be sensitive
25	What is the retention policy for historical master data?	Option to archive or backup the data should be there. No existing retention policy for now
26	What categories of data require consent management?	Forest Department and State Government data.
27	Will there be integration with a National Consent Manager or should one be custom-built?	Should be custom built for now
28	Are there any legal or regulatory frameworks (e.g., Indian Wildlife Protection Act) that affect how data is handled?	Not as of now but can be explored as and when we integrate new APIs especially

		for collar tagged wildlife data/wildlife camera data if that is made available in future. The architecture should support encryption at rest and in transit as required by the API/data provider
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