SWIMS

SOLID WASTE INTEGRATED MANAGEMENT SYSTEM

* COLLECTION & TRANSPORT (C&T)
  + Vehicles will be there to collect Garbage. They segregate (dry and wet) and collect.
  + There will be collection personnel who have a specified route and target.
  + Based on route there will be number of households to collect.
  + Wards and Ward Supervisor.
  + Customer (household) Registration – KYC – Mobile OTP Verification
  + User Fee Collection – Need to provide UPI QR Code scanner for payments
  + End of Day Vehicle and Collection Data entry by Supervisor – Number of KMs covered, Number odd households covered, etc.
  + Drivers Attendance.
  + Master Data – Supervisors, Customers, Wards, Vehicles, Drivers, Helpers, etc.
  + Reports – Vehicle Route Reports (3rd Party)
  + Admin – Operations Head of Site/Project. Can see reports and enter modify master data. Cannot modify operations data entered by Supervisors.
  + Super Admin – Operation GM sitting in HO.
* PROSSESING & DISPOSAL (P&D)
  + Weighment – Incoming/Outgoing
  + Material Types
  + Amounts – Payables/Receivables
  + Project Type/Processing Types
  + Resources Deployed – Machinery, People, Consumables

Objects:

1. Customer
2. Employees – Roles -Supervisor/Processing Site Manager (PSM)/Admin (PM)/Super Admin
3. People/Manpower/Labour – Drivers, Helpers etc.
4. Wards
5. Collection Vehicle
6. Route
7. Waste Material
8. Processing Units
9. ULB
10. Projects/Sites
11. Consumables
12. Machinery
13. Accounts