**Waste Dumbing**

**Modules**

* **Admin**
  + Login
  + Manage routes
  + Manage vehicles
    - Track vehicle
  + Manage fares
  + Assign routes to vehicles
  + View available wastes
    - View pickup status
  + View payments
  + View custom waste pickup requests
    - Send quotation
    - Accept payment
  + View reported waste disposals in public places
    - Check image
    - Check location
    - Assign vehicle to pick up
* **Vehicle**
  + Login
  + View assigned routes
  + View customers on this routes
  + View active collection points
    - Enter pick ups
  + View waste disposal pickup request
    - Update status with image
* **Customers**
  + Register
  + Login
  + Subscribe by payment
  + Update status of waste availability
  + Send a custom waste pickup request
    - View quotation
    - Make payment
  + Track vehicle
* **Citizens**
  + Report an unauthorised waste disposal
    - Capture image
    - Send reporting
    - Check the status of the reporting

**Tables**

* Login
  + login\_id
  + Username
  + Password
  + Usertype
* Routes
  + Route\_id
  + starting\_latitude
  + ending\_latitude
  + starting\_longitude
  + ending\_longitude
* Fares
  + fare\_id
  + fare\_amount
  + subscription\_details
* Vehicle
  + vehicle\_id
  + login\_id
  + route\_id
  + driver\_name
  + Longitude
  + Longitude
  + vehicle\_status
  + Driver\_number
* Customers
  + customer\_id
  + login\_id
  + first\_name
  + last\_name
  + phone
  + email
* WastesSubscriptions
  + subscription\_id
  + customer\_id
  + fare\_id
  + subscription\_status
* ActiveWastes
  + waste\_id
  + customer\_id
  + Latitude
  + Longitude
  + waste\_status
  + waste\_date
* CustomWaste
  + custom\_waste\_id
  + type\_of\_waste
  + Image
  + total\_kg
  + customer\_id
  + Latitude
  + Longitude
  + request\_date
  + request\_status
* Proposal
  + proposal\_id
  + custom\_waste\_id
  + total\_amount
  + proposal\_date
* Payments
  + payment\_id
  + paid\_id [proposal\_id/subscription\_id]
  + paid\_date
  + customer\_id
* ReportedWasteDisposal
  + reported\_id
  + Latitude
  + Longitude
  + Image
  + vehicle\_id
  + reported\_status