**Plastic waste management**

* Admin
  + Login
  + Manage Agents
  + Manage companies
  + View users
  + View purchases
    - View Payments
  + View Feedback from user
  + Assigning routes to collection agents.
  + Track agents.
* Collection/Delivery agents
  + Login
  + Checking assigned Route
  + Collect wastes from users
    - Updating collection report
  + Product delivery(Recycled)
    - Confirm Payment
* Companies
  + Login
  + Waste collect from delivery agents
  + Manage Recycled product
    - Stock price(Add/update)
  + View orders
    - Checking delivery status
* Users
  + Register
  + Manage Collection request
    - Confirm waste collection
  + Product search
  + Purchase
    - Make payment
    - Confirm delivery
  + Send feedback

**Tables**

* Login
  + login\_id
  + Username
  + Password
  + Usertype
* Agents
  + agent\_id
  + login\_id
  + first\_name
  + last\_name
  + Phone
  + Email
* Companies
  + company\_id
  + login\_id
  + company\_name
  + Phone
  + Email
* Users
  + user\_id
  + login\_id
  + first\_name
  + last\_name
  + Phone
  + Email
  + house\_name
  + Place
  + Pincode
* Routes
  + route\_id
  + route\_name
  + route\_description
* RouteAssign
  + assign\_id
  + agent\_id
  + route\_id
  + Date
* collection\_request
  + request\_id
  + user\_id
  + Latitude
  + Longitude
  + route\_id
  + Date
  + request\_status
* user\_waste\_collections
  + waste\_id
  + request\_id
  + agent\_id
  + date\_time
  + Quantity
* company\_collection
  + collection\_id
  + company\_id
  + agent\_id
  + waste\_quantity
  + date\_time
* Products
  + product\_id
  + product\_name
  + Description
  + Amount
  + Image
* Stock
  + stock\_id
  + product\_id
  + Availability
  + updated\_date
  + company\_id
* PurchasesMaster
  + pm\_id
  + user\_id
  + company\_id
  + total\_amount
  + Date
  + assigned\_agent
  + delivery\_status
* PurchaseDetails
  + pd\_id
  + pm\_id
  + stock\_id
  + Quantity
  + Amount
* Payment
  + payment\_id
  + user\_id
  + Amount
  + Date