TABLE DESIGN

1. Table name: TBL\_Login

**Use: To store Login details**

Primary key : Log\_id

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S.No | Field | Data\_type | Constrains | Description |
| 1 | Log\_id | Int(10) | Primary key | Login Id |
| 2 | U\_name | Varchar(20) | Not null | Username |
| 3 | Pswd | Varchar(20) | Not null | Password |
| 4 | User \_id | Int(10) | Foreign key | User Type |

1. Table name: TBL\_Bin

**Use: To store the details of Bin**

Primary key : bin\_id

Foreign key : Log\_id

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S.No | Field | Data\_type | Constrains | Description |
| 1 | Bin\_id | Int(10) | Primary key | Bin Id |
| 2 | Area | Varchar(20) | Not null | Area |
| 3 | Locality | Varchar(20) | Not null | Locality |
| 4 | Landmark | Varchar(20) | Not null | Landmark |
| 5 | City | Varchar(20) | Not null | City |
| 6 | Status | Varchar(20) | Not null | Updation |
| 7 | S\_id | Int(10) | Foreign key | Schedule id |

1. Table name: TBL\_Driver

**Use: To store Registration details of the Driver**

Primary key : User\_id

Foreign key : Log\_id

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S.No | Field | Data\_type | Constrains | Description |
| 1 | driver\_id | Int(10) | Primary key | User Id |
| 2 | Name | Varchar(20) | Not null | Name |
| 3 | Email | Varchar(20) | Not null | Email |
| 4 | Address | Varchar(20) | Not null | Address |
| 5 | Ph.no | Int(10) | Not null | Phone Number |
| 6 | Licence | Varchar(20) | Not null | Licence id |
| 7 | Pswd | Varchar(20) | Not null | Password |
| 8 | user\_id | Int(10) | Foreign key | userId |

1. Table name: TBL\_Public

**Use: To store Public details**

Primary key : p\_id

Foreign key : Log\_id

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S.No | Field | Data\_type | Constrains | Description |
| 1 | P\_id | Int(10) | Primary key | Public id |
| 2 | Name | Varchar(20) | Not null | Name |
| 3 | Email | Varchar(20) | Not null | Email |
| 4 | Address | Varchar(20) | Not null | Address |
| 5 | Gender | Varchar(20) | gender | Gender |
| 6 | Aadhaar no | Int(20) | Not null | Aadhaar no |
| 7 | Ph.no | Int(10) | Not null | Phone Number |
| 8 | Pswd | Varchar(20) | Not null | Password |
| 9 | User\_id | Int(10) | Foreign key | User id |

1. Table name: TBL\_Report

**Use: To store details of Work Report**

Primary key : w\_id

Foreign key : bin\_id, Area, Driver

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S.No | Field | Data\_type | Constrains | Description |
| 1 | W\_id | Int(10) | Primary key | Work id |
| 2 | Bin\_id | Int(10) | Foreign key | Bin id |
| 3 | S\_id | Int(10) | Foreign key | Schedule id |
| 4 | Driver | Varchar(20) | Not null | Driver name |
| 5 | status | Varchar(20) | Not null | Updation (completed or Not) |

1. Table name: TBL\_Complaint

**Use: To store details of Complaint**

Primary key : c\_id

Foreign key : bin\_id

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S.No | Field | Data\_type | Constrains | Description |
| 1 | c\_id | Int(10) | Primary key | Complaint id |
| 2 | Bin\_id | Int(10) | Foreign key | Bin id |
| 3 | Complaint | Varchar(100) | Not null | Complaint |
| 4 | status | Varchar(20) | Not null | Updation (pending or Not) |

1. Table name: TBL\_Schedule

**Use: To store details of Bin Schedule**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S.No | Field | Data\_type | Constrains | Description |
| 1 | S\_id | Int(10) | Primary key | Schedule id |
| 2 | week | Varchar(20) | Not null | Week |
| 3 | Time | Time | Not null | Time |
| 4 | Date | date | Not null | Date of pickup |

1. Table name: TBL\_Vehicle

**Use: To store details of Vehicle**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S.No | Field | Data\_type | Constrains | Description |
| 1 | V\_id | Int(10) | Primary key | Schedule id |
| 2 | V\_reg\_no | Int(10) | Not null | Registration number of vehicle |

1. Table name: TBL\_Vehicle\_driver

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S.No | Field | Data\_type | Constrains | Description |
| 1 | V\_id | Int(10) | Foreign key | Vehicle id |
| 2 | driver\_id | Int(10) | Foreign key | Driver id |

1. Table name: TBL\_usertype

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S.No | Field | Data\_type | Constrains | Description |
| 1 | user\_id | Int(10) | Primary key | User id |
| 2 | User\_type | Varchar(20) | Not null | User type |