Tables in Location Based Smart Waste Management

User tbl

Field name	Data type	Contraints
userid	Int	Primary key
username	Varchar(20)	Not null
password	Varchar(20)	Not null

Admin tbl

Field name	Data type	Contraints
adminid	Int	Primary key
name	Varchar(20)	Not null
email	Varchar(30)	Not null
phone	int(10)	Not null
userid	Int	foreign key

Garbage bin tbl

Field name	Data type	Contraints
Binid	Int	Primary key
location	Varchar(20)	Not null
capacity	Varchar(30)	Not null
status	Varchar(20)	Not null
Last updated	Int	Not null

route tbl

Field name	Data type	Contraints
Routeid	int	Primary key
driverid	int	foreign key
assigned date	int	Not null
Route details	Varchar(20)	Not null

Drivers tbl

Field name	Data type	Contraints
driverid	int	Primary key
name	Varchar(20)	Not null
email	Varchar(20)	Not null
phone	int	Not null
Current route	int	foreign key
userid	int	foreign key

Garbage Report tbl

Field name	Data type	Contraints
reportid	int	Primary key
binid	int	foreign key
Report date	date	Not null
description	Varchar(25)	Not null
status	Varchar(20)	Not null

Public Complaints tbl

Field name	Data type	Constraints
Complaintid	int	Primary key
Reportid	int	foreign key
Complaint date	date	Not null
description	Varchar(20)	Not null
status	Varchar(20)	Not null

Public Users tbl

Field name	Data type	Constraints
userid	int	foreign key
name	Varchar(20)	Not null
email	Varchar(20)	Not null
Phone	int	Not null

My complaint tbl

Field name	Data type	Constraints
MyComplaintid	int	Primary key
Userid	int	Foreign key
complaintID	int	Foreign key

Driver users tbl

Field name	Data type	Constraints
fullname	Varchar(30)	Not null
email	Varchar(30)	Not null
Phone number	int	Not null
userid	int	Foreign key

Daily Work Update tbl

Field name	Data type	Constraints
Updateid	int	Primary key
Driverid	int	Foreign key
Update date	date	Not null
Update details	Varchar(50)	Not null
Routeid	Int	Foreign key
garbageload	Varchar(30)	Not null