

Table Design

Table:Bus

Primary key:busid

No	Field Name	Datatype	Key Constraints	Description
1	Bus ID	Int(10)	Primary key	
2	Licence plate	Varchar(50)	Not null	
3	status	Varchar(50)	Not null	
4	Registration no	Int(10)	Not null	
5	Terminal ID	Int(10)	Not null	

Table:Staff

Primary key:staffid

No	Field Name	Datatype	Key Constraints	Description
1	Staff ID	Int(10)	Primary key	
2	Name	Varchar(50)	Not null	
3	Email	Varchar(50)	Not null	
4	Phone Number	Int(10)	Not null	
5	Post(conductor/Driver)	Varchar(50)	Not null	
6	Address	Varchar(50)	Not null	
7	Terminal ID	Int(10)	Not null	
8	Bus ID	Int(10)	Not null	

Table:Terminal

Primary key:terminalid

No	Field Name	Datatype	Key Constraints	Description
1	Terminal ID	Int(10)	Primary key	
2	Terminal Name	Varchar(50)	Not null	
3	Location	Varchar(50)	Not null	
4	Email id	Varchar(50)	Not null	
5	Post	Varchar(50)	Not null	
6	Pin	Int(10)	Not null	

Table:Complaint

Primary key:complaint id

No	Field Name	Datatype	Key Constraints	Description
1	Complaint ID	Int(10)	Primary key	
2	Description	Varchar(50)	Not null	
3	Status	Varchar(50)	Not null	
4	Bus ID	Int	Foreign key	

Table:Login

Primary key:userid

No	Field Name	Datatype	Key Constraints	Description
1	User ID	Int(10)	Primary key	
2	User Name	Varchar(50)	Not null	
3	Status	Varchar(50)	Not null	
4	User Type	Varchar(50)	Not null	

Table:Collection

Primary key:collectionid

No	Field Name	Datatype	Key Constraints	Description
1	Collection ID	Int(10)	Primary key	
2	Amount	Int(10)	Not null	
3	Data	Adate	Not null	
4	Bus ID	Int(10)	Foreign key	

Table:Route

Primary key:routeid

No	Field Name	Datatype	Key Constraints	Description
1	Route ID	Int(10)	Primary key	
2	Destination	Varchar(50)	Not null	
3	Arrival time	Varchar(50)	Not null	
4	Depature Time	Varchar(50)	Not null	

Table:Bus Assignment

Primary key:assignmentid

No	Field Name	Datatype	Key Constraints	Description
1	Assignment ID	Int(10)	Primary key	
2	Bus ID	Int(10)	Foreign Key	
3	Staff ID	Int(10)	Foreign Key	
4	Assignment Date	Date	Not null	
5	Status	Varchar(10)	Not null	

Table:Route Allocation

Primary key:allocationid

No	Field Name	Datatype	Key Constraints	Description
1	Allocation ID	Int(10)	Primary key	
2	Bus ID	Int(10)	Foreign Key	
3	Route ID	Int(10)	Foreign Key	