

Table: Login

Field Name	Datatype	Constraints
LoginID	Integer	Primary Key, (Auto Increment)
UserID	Integer	Foreign Key referencing the User table
UserPassword	Varchar	Foreign Key referencing the User table
Login Timestamp	Timestamp	Not null
Logout Timestamp	Timestamp	Not null
Role	Integer	Type of User

Table: Pump

Field Name	Datatype	Constraints
PumpId	Integer	Primary Key, (Auto Increment)
LoginId	Integer	Foreign Key referencing the Login table
Profile	Varchar	Not null
LocationId	Varchar	Not null
Payment	Float	Not null

Table: User

Field Name	Datatype	Constraints
UserId	Integer	Primary Key,(Auto Increment)
LoginId	Integer	Foreign Key referencing the Login table
FirstName	Varchar	Not null
SecondName	Varchar	Not null
Email	Varchar	Not null
Phone	Varchar	Not null

Table: Delivery Team

Field Name	Datatype	Constraints
DeliveryTeamId	Integer	Primary Key, (Auto Increment)
LoginId	Integer	Foreign Key referencing the Login table
Name	Varchar	Not null
Phone	Varchar	Not null
Profile	Varchar	Not null
Payment	Varchar	Not null
UserLocationID	Integer	Foreign key referencing the Location table

Table: Fuel

Field Name	Datatype	Constraints
FuelId	Integer	Primary Key, (Auto Increment)
FuelType	Varchar	Not null
FuelPrice	Float	Not null
Density	Float	Not Null

Table: Location

Field Name	Datatype	Constraints
LocationID	Integer	Primary Key, (Auto Increment)
Name	Varchar	Not null
Licence Details	Varchar	Not Null
DP	Image	Not Nul
Address	Varchar	Not null

Table: State

Field Name	Datatype	Constraints
StateId	Integer	Primary Key, (Auto Increment)
StateName	Varchar	Not null

Table: District

Field Name	Datatype	Constraints
DistrictId	Integer	Primary Key, (Auto Increment)
DistrictName	Varchar	Not Null
StateId	Integer	Foreign Key referencing the State table

Table: Request

Field Name	Datatype	Constraints
RequestId	Integer	Primary Key,(Auto Increment)
UserId	Integer	Foreign key referencing the User table
UserId	Integer	Foreign key referencing the Pump table
Fuel ID	Integer	Foreign key referencing the Fuel Table
RequestDate	Date	Not null
RequestStatus	Varchar	Not null
LocationId	Integer	Foreign key referencing the Location table

Table: Delivery Track

Field Name	Datatype	Constraints
DeliveryTrackId	Integer	Primary Key, (Auto Increment)
RequestId	Integer	Foreign key referencing the Request table
DeliveryTeamId	Integer	Foreign key referencing the Delivery Team table
LocationId	Varchar	Foreign key referencing the Location table
DeliveryStatus	Integer	Not null

Table: Feedback

Field Name	Datatype	Constraints
FeedbackId	Integer	Primary Key, (Auto Increment)
UserId	Integer	Foreign key referencing the User table
FeedbackDetails	Varchar	Not null
Date	Date	Not null

Table: Payment

Field Name	Datatype	Constraints
PaymentID	Integer	Primary Key, (Auto Increment)
Date	Date	
UserID	Integer	Foreign key referencing the User table
Payment Method	Varchar	Not null