**NaviBus DB**

**Passenger Table**

CREATE TABLE Passenger(

Passenger\_ID INT(10) NOT NULL AUTO\_INCREMENT,

First\_Name VARCHAR(50) NOT NULL,

Last\_Name VARCHAR(50) NOT NULL,

Contact\_No CHAR(10) NOT NULL,

Email VARCHAR(50) NOT NULL,

Account\_Type CHAR(40) NOT NULL,

Username VARCHAR(30) NOT NULL UNIQUE,

Passwords VARCHAR(50) NOT NULL,

Re\_Password VARCHAR(50) NOT NULL,

CONSTRAINT Passenger\_PK PRIMARY KEY (Passenger\_ID)

);

**Driver Table**

CREATE TABLE Driver(

Driver\_ID INT(10) NOT NULL AUTO\_INCREMENT,

First\_Name VARCHAR(50) NOT NULL,

Last\_Name VARCHAR(50) NOT NULL,

Contact\_No CHAR(10) NOT NULL,

Email VARCHAR(50) NOT NULL,

Account\_Type CHAR(40) NOT NULL,

Username VARCHAR(30) NOT NULL UNIQUE,

Passwords VARCHAR(50) NOT NULL,

Re\_Password VARCHAR(50) NOT NULL,

CONSTRAINT Driver\_PK PRIMARY KEY (Driver\_ID)

);

**Administrator Table**

CREATE TABLE Administrator(

Admin\_ID INT(10) NOT NULL,

Username VARCHAR(30) NOT NULL UNIQUE,

Passwords VARCHAR(50) NOT NULL,

Account\_Type CHAR(40) NOT NULL,

CONSTRAINT Administration\_PK PRIMARY KEY(Admin\_ID)

);

**Admin Login**

INSERT INTO Administrator (

Admin\_ID, Username, Passwords,Account\_Type)

VALUES (“1”, "Admin@navibus", "Admin12345@",”admin”);

**Bus Table**

CREATE TABLE Bus(

Bus\_ID INT(10) NOT NULL AUTO\_INCREMENT,

Name VARCHAR(30) NOT NULL,

Type VARCHAR(30) NOT NULL,

No\_of\_Seats INT(2) NOT NULL,

Driver\_ID INT(10) NOT NULL,

CONSTRAINT Bus\_PK PRIMARY KEY (Bus\_ID),

CONSTRAINT Bus\_FK FOREIGN KEY (Driver\_ID) REFERENCES Driver(Driver\_ID)

);

**Booking Table**

CREATE TABLE Booking(

Booking\_ID INT(10) NOT NULL AUTO\_INCREMENT,

Passenger\_ID INT(10) NOT NULL,

Bus\_ID INT(10) NOT NULL,

Starting\_Point VARCHAR(30) NOT NULL,

Destination VARCHAR(30) NOT NULL,

Date DATE NOT NULL,

Time TIME NOT NULL,

Total\_Price Float NOT NULL,

CONSTRAINT Booking\_PK PRIMARY KEY (Booking\_ID),

CONSTRAINT Booking\_FK1 FOREIGN KEY (Passenger\_ID) REFERENCES Passenger(Passenger\_ID),

CONSTRAINT Booking\_FK2 FOREIGN KEY (Bus\_ID) REFERENCES Bus(Bus\_ID)

);

**Seat Table**

CREATE TABLE Seat(

Booking\_ID INT(10) NOT NULL,

Seat\_ID INT(2) NOT NULL,

CONSTRAINT Seat\_PK PRIMARY KEY (Seat\_ID),

CONSTRAINT Seat\_FK FOREIGN KEY (Booking\_ID) REFERENCES Booking(Booking\_ID)

);

**Price Table**

CREATE TABLE Price(

Bus\_ID INT(10) NOT NULL,

Starting\_Point VARCHAR(30) NOT NULL,

Destination VARCHAR(30) NOT NULL,

Ticket\_Price Float NOT NULL,

Start\_Time TIME NOT NULL,

CONSTRAINT Price\_FK FOREIGN KEY (Bus\_ID) REFERENCES Bus(Bus\_ID)

);

**Reservation Table**

CREATE TABLE Reservation\_Details(

Res\_ID INT(10) AUTO\_INCREMENT NOT NULL,

Cus\_Name VARCHAR(200) NOT NULL,

Username VARCHAR(100) NOT NULL,

Mobile VARCHAR(10) NOT NULL,

Email VARCHAR(100)NOT NULL,

Payment\_Type VARCHAR(100) NOT NULL,

Qty INT(2) NOT NULL,

Total\_Price FLOAT NOT NULL,

CONSTRAINT Res\_PK PRIMARY KEY(Res\_ID),

CONSTRAINT Res\_FK1 FOREIGN KEY(Username) REFERENCES Passenger(Username)

);

**Customer\_Reviews Table**

CREATE TABLE Customer\_Reviews(

Review\_ID INT(10) NOT NULL AUTO\_INCREMENT,

Rating CHAR(10) NOT NULL,

Description CHAR(200) NOT NULL,

CONSTRAINT Customer\_Reviews\_PK PRIMARY KEY(Review\_ID)

);