DDL SCRIPT

```sql
CREATE SCHEMA Tourism;

SET SEARCH_PATH TO Tourism;

CREATE TABLE Customer(
    Customer_ID varchar,
    CustomerName varchar NOT NULL,
    ContactNumber bigint NOT NULL,
    Email varchar,
    Gender char NOT NULL,
    City varchar NOT NULL,
    DOB date NOT NULL,
    PRIMARY KEY(Customer_ID)
);


CREATE TABLE Destination(
    Destination_Name varchar,
    Type_of_Place varchar NOT NULL,
    City varchar NOT NULL,
    Nearby_Landmark varchar NOT NULL,
    Area varchar NOT NULL,
    Pincode int NOT NULL,
    Bus_Stat_Dist float NOT NULL,
    Railway_Stat_Dist float NOT NULL,
    PRIMARY KEY(Destination_Name)
);


CREATE TABLE Sightseeing_Places(
    Dest_Name varchar,
    Sight_Name varchar,
    Timing varchar,
    TicketPrice float,
    Dist_from_Dest float NOT NULL,
    FOREIGN KEY(Dest_Name) REFERENCES Destination(Destination_Name) ON UPDATE CASCADE ON DELETE
CASCADE,
    PRIMARY KEY(Dest_Name,Sight_Name)
);


CREATE TABLE Visited(
    Dest_Name varchar,
    Cust_ID varchar,
    No_of_Days integer NOT NULL,
    Start_Date date NOT NULL,
    FOREIGN KEY(Dest_Name) REFERENCES Destination(Destination_Name) ON UPDATE CASCADE ON DELETE
CASCADE,
    FOREIGN KEY(Cust_ID) REFERENCES Customer(Customer_ID) ON UPDATE CASCADE ON DELETE CASCADE,
    PRIMARY KEY(Dest_Name,Cust_ID)
);


CREATE TABLE Tours_and_Travels(
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    Tour_ID varchar,
    Company_Name varchar NOT NULL,
    Website varchar,
    Email_ID varchar,
    Rating float NOT NULL,
    PRIMARY KEY(Tour_ID)
);


CREATE TABLE Tour_Contact_Details(
    Tour_ID varchar,
    Contact_number bigint NOT NULL,
    FOREIGN KEY (Tour_ID) REFERENCES Tours_and_Travels(Tour_ID) ON UPDATE CASCADE ON DELETE
CASCADE,
    PRIMARY KEY(Tour_ID,Contact_number)
);


CREATE TABLE Tourist(
    Dest_Name varchar,
    Tour_ID varchar,
    Cust_ID varchar,
    Start_Date date NOT NULL,
    End_Date date NOT NULL,
    Budget_Constraint float,
    Children integer,
    Adults integer NOT NULL,
    FOREIGN KEY (Cust_ID) REFERENCES Customer(Customer_ID) ON UPDATE CASCADE ON DELETE CASCADE,
    FOREIGN KEY (Tour_ID) REFERENCES Tours_and_travels(Tour_ID) ON UPDATE CASCADE ON DELETE
CASCADE,
    FOREIGN KEY (Dest_Name) REFERENCES Destination(Destination_Name) ON UPDATE CASCADE ON DELETE
CASCADE,
    PRIMARY KEY(Dest_Name,Tour_ID,Cust_ID)
);


CREATE TABLE Pricing_conditions(
    Dest_Name varchar,
    Tour_ID varchar,
    Cosultant_Fee float NOT NULL,
    Refund_Percent float NOT NULL,
    FOREIGN KEY (Dest_Name) REFERENCES Destination(Destination_Name) ON UPDATE CASCADE ON DELETE
CASCADE,
    FOREIGN KEY (Tour_ID) REFERENCES Tours_and_Travels(Tour_ID) ON UPDATE CASCADE ON DELETE
CASCADE,
    PRIMARY KEY(Dest_Name,Tour_ID)
);


CREATE TABLE Packages(
    Dest_name varchar,
    Tour_ID varchar,
    Days integer,
    Amount float NOT NULL,
    FOREIGN KEY (Dest_Name) REFERENCES Destination(Destination_Name) ON UPDATE CASCADE ON DELETE
CASCADE,
    FOREIGN KEY (Tour_ID) REFERENCES Tours_and_travels(Tour_ID) ON UPDATE CASCADE ON DELETE
CASCADE,
```

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    PRIMARY KEY(Dest_Name,Tour_ID,Days)
);


CREATE TABLE Hotels(
    Hotel_ID varchar,
    Hotel_Name varchar,
    Type_of_Hotel varchar NOT NULL,
    Dist_from_Dest float NOT NULL,
    Rating float NOT NULL,
    Website varchar,
    PRIMARY KEY(Hotel_ID)
);


CREATE TABLE Hotel_Contact_Detail(
    Hotel_ID varchar,
    Contact_Num bigint,
    FOREIGN KEY (Hotel_ID) REFERENCES Hotels(Hotel_ID) ON UPDATE CASCADE ON DELETE CASCADE,
    PRIMARY KEY(Hotel_ID,Contact_Num)
);


CREATE TABLE Available_Hotels(
    Dest_Name varchar,
    Hotel_ID varchar,
    FOREIGN KEY(Dest_Name) REFERENCES Destination(Destination_Name) ON UPDATE CASCADE ON DELETE
CASCADE,
    FOREIGN KEY(Hotel_ID) REFERENCES Hotels(Hotel_ID) ON UPDATE CASCADE ON DELETE CASCADE,
    PRIMARY KEY(Dest_Name,Hotel_ID)
);


CREATE TABLE Room_Type(
    Hotel_ID varchar,
    Room_Type varchar,
    Total_Rooms integer NOT NULL,
    Price float NOT NULL,
    FOREIGN KEY (Hotel_ID) REFERENCES Hotels(Hotel_ID) ON UPDATE CASCADE ON DELETE CASCADE,
    PRIMARY KEY(Hotel_ID, Room_Type)
);


CREATE TABLE Refund_Policy(
    Hotel_ID varchar,
    Room_Type varchar,
    Days integer NOT NULL,
    Amnt_Per float NOT NULL,
    FOREIGN KEY (Hotel_ID,Room_Type) REFERENCES Room_Type(Hotel_ID,Room_Type) ON UPDATE CASCADE ON
DELETE CASCADE,
    PRIMARY KEY(Hotel_ID,Room_Type,Days)
);


CREATE TABLE Room_Number(
    Hotel_ID varchar,
    Room_Type varchar,
    Room_No varchar,
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    FOREIGN KEY (Hotel_ID,Room_Type) REFERENCES Room_Type(Hotel_ID,Room_Type) ON UPDATE CASCADE ON
DELETE CASCADE,
    PRIMARY KEY(Hotel_ID, Room_Type, Room_No)
);


CREATE TABLE Bookings(
    Tour_ID varchar,
    Cust_ID varchar NOT NULL,
    StartDate date,
    EndDate date NOT NULL,
    Children integer,
    Adults integer NOT NULL,
    Hotel_ID varchar,
    Room_Type varchar,
    Room_No varchar,
    PRIMARY KEY(StartDate,Hotel_ID,Room_Type,Room_no),
    FOREIGN KEY (Tour_ID) REFERENCES Tours_and_Travels(Tour_ID) ON UPDATE CASCADE ON DELETE
CASCADE,
    FOREIGN KEY (Cust_ID) REFERENCES Customer(Customer_ID) ON UPDATE CASCADE ON DELETE CASCADE,
    FOREIGN KEY (Hotel_ID,Room_Type,Room_No) REFERENCES Room_Number(Hotel_ID,Room_Type,Room_no) ON
UPDATE CASCADE ON DELETE CASCADE
);

CREATE TABLE Cancellations(
    Tour_ID varchar,
    Cust_ID varchar,
    StartDate date,
    CancellationDate date NOT NULL,
    EndDate date NOT NULL,
    Hotel_ID varchar,
    Room_Type varchar,
    PRIMARY KEY(StartDate,Hotel_ID,Room_Type,Cust_ID),
    FOREIGN KEY (Tour_ID) REFERENCES Tours_and_Travels(Tour_ID) ON UPDATE CASCADE ON DELETE
CASCADE,
    FOREIGN KEY (Cust_ID) REFERENCES Customer(Customer_ID) ON UPDATE CASCADE ON DELETE CASCADE,
    FOREIGN KEY (Hotel_ID,Room_Type) REFERENCES Room_Type(Hotel_ID,Room_Type) ON UPDATE CASCADE ON
DELETE CASCADE
);


CREATE TABLE Rating_Hotel(
    Cust_ID varchar,
    Hotel_ID varchar,
    Stars integer,
    FOREIGN KEY(Cust_ID) REFERENCES Customer(Customer_ID) ON UPDATE CASCADE ON DELETE CASCADE,
    FOREIGN KEY(Hotel_ID) REFERENCES Hotels(Hotel_ID) ON UPDATE CASCADE ON DELETE CASCADE,
    PRIMARY KEY(Cust_ID,Hotel_ID)
);


CREATE TABLE Rating_TandT(
    Cust_ID varchar,
    Tour_ID varchar,
    Stars integer,
    FOREIGN KEY(Cust_ID) REFERENCES Customer(Customer_ID) ON UPDATE CASCADE ON DELETE CASCADE,
    FOREIGN KEY(Tour_ID) REFERENCES Tours_and_Travels(Tour_ID) ON UPDATE CASCADE ON DELETE
CASCADE,
```

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    PRIMARY KEY(Cust_ID,Tour_ID)
);


CREATE TABLE Rating_Dest(
    Cust_ID varchar,
    Dest_Name varchar,
    Stars integer,
    FOREIGN KEY(Cust_ID) REFERENCES Customer(Customer_ID) ON UPDATE CASCADE ON DELETE CASCADE,
    FOREIGN KEY(Dest_Name) REFERENCES Destination(Destination_Name) ON UPDATE CASCADE ON DELETE
CASCADE,
    PRIMARY KEY(Cust_ID,Dest_Name)
);
```