

A dark blue vertical bar runs down the left side of the page. A blue arrow points to the right from this bar, containing the date.

7/19/2024

BOOKING AND RESERVATION SYSTEMS.

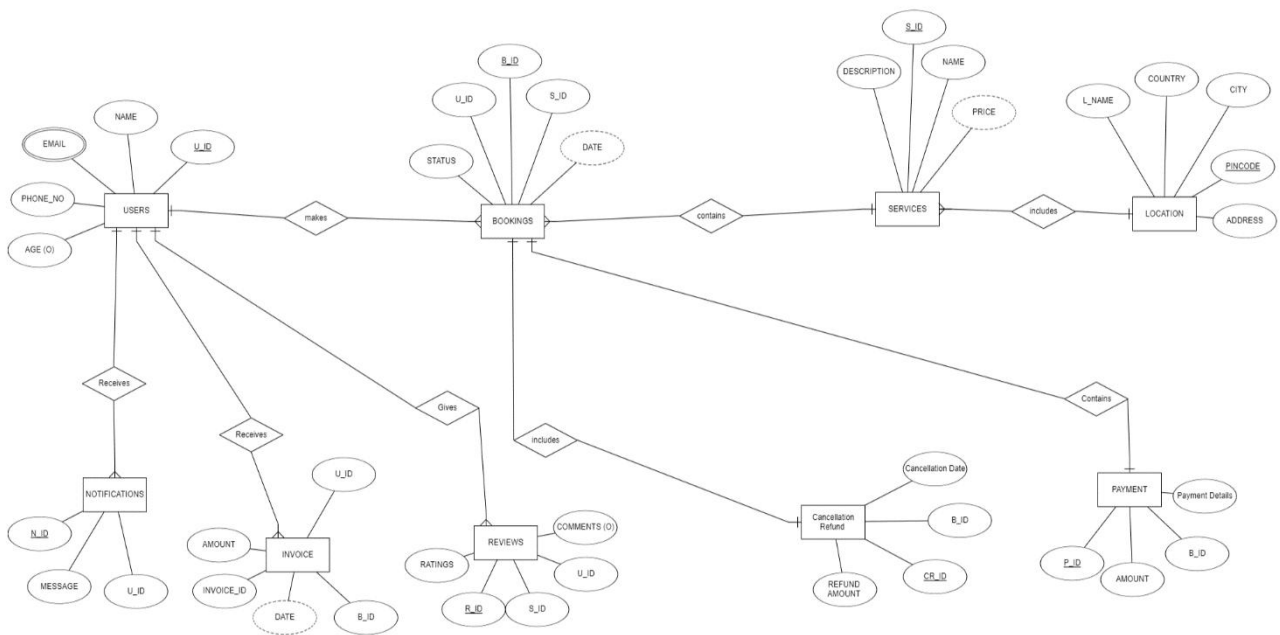
CREATING TABLES.

Several thin, curved lines in dark blue and light grey originate from the bottom left corner and sweep upwards and to the right.

SATYA KUMARI VARANASI

ER DIAGRAM

OF BOOKING AND RESERVATION SYSTEM.



CREATING TABLES:

1.USERS

```
mysql> CREATE TABLE Users (
->     UserID INT PRIMARY KEY,
->     Name VARCHAR(255),
->     Email VARCHAR(255),
->     Phone VARCHAR(20));
Query OK, 0 rows affected (0.65 sec)
```

2. SERVICES

```
mysql> CREATE TABLE Services (  
    ->     ServiceID INT PRIMARY KEY,  
    ->     Name VARCHAR(255),  
    ->     Description TEXT,  
    ->     Price DECIMAL(10, 2));  
Query OK, 0 rows affected (0.49 sec)
```

3. BOOKING

```
mysql> CREATE TABLE Bookings (  
    ->     BookingID INT PRIMARY KEY,  
    ->     UserID INT,  
    ->     ServiceID INT,  
    ->     Date DATE,  
    ->     Status VARCHAR(50),  
    ->     FOREIGN KEY (UserID) REFERENCES Users(UserID),  
    ->     FOREIGN KEY (ServiceID) REFERENCES Services(ServiceID));  
Query OK, 0 rows affected (1.80 sec)
```

4. LOCATIONS

```
mysql> CREATE TABLE Locations (  
    ->     LocationID INT PRIMARY KEY,  
    ->     Name VARCHAR(255),  
    ->     Address VARCHAR(255),  
    ->     City VARCHAR(100),  
    ->     Country VARCHAR(100));  
Query OK, 0 rows affected (0.43 sec)
```

5. REVIEWS

```
mysql> CREATE TABLE Reviews (  
  ->     ReviewID INT PRIMARY KEY,  
  ->     UserID INT,  
  ->     ServiceID INT,  
  ->     Rating INT,  
  ->     Comment TEXT,  
  ->     FOREIGN KEY (UserID) REFERENCES Users(UserID),  
  ->     FOREIGN KEY (ServiceID) REFERENCES Services(ServiceID));  
Query OK, 0 rows affected (1.50 sec)
```

6. PAYMENT

```
mysql> CREATE TABLE Payment (  
  ->     PaymentID INT PRIMARY KEY,  
  ->     BookingID INT,  
  ->     Amount DECIMAL(10, 2),  
  ->     PaymentDate DATE,  
  ->     PaymentMethod VARCHAR(100),  
  ->     FOREIGN KEY (BookingID) REFERENCES Bookings(BookingID)  
  -> );  
Query OK, 0 rows affected (0.53 sec)
```

7.CANCELLATIONREFUNDS

```
mysql> CREATE TABLE CancellationRefund (  
  ->     CancellationRefundID INT PRIMARY KEY,  
  ->     BookingID INT,  
  ->     CancellationDate DATE,  
  ->     RefundAmount DECIMAL(10, 2),  
  ->     FOREIGN KEY (BookingID) REFERENCES Bookings(BookingID)  
  -> );  
Query OK, 0 rows affected (0.75 sec)
```