**Entity & Attributes:**

User: Id, name, age, phone, email, gender, memberID.

Member: ID, name, age, phone, email, gender.

Packages: ID, Trip-Cost, PlaceID, hotel/villaID, duration-of-trip, guide-id, PlacesID

Stay: ID, Type (Hotel/Villa), Name, Room type (AC/NonAC), Number of Rooms, Room-price, Available rooms, room-capacity, food.

Guide: ID, Name, Number, Gender, Age, Email, Phone, PlacesID.

Places: Id, State, City, Location, Spot Name.

Spot: ID, Location, Spot Name, Address.

Restaurants: ID, Name, Address…..

Bookings: BookingID, PackageID(can have null values), StayID(Can Have null values), Trip-Cost, Date, Room-price.

Feedback & Complaints: ID, HotelId/PackageID, Comment

**Title**: Database for maintaining and managing records of Users, Hotels and Trip Packages for a Trip/Tourism Website.

**Scope of Database:**

A Trip/Tourism management website needs to manage all its users, tour guides and tour packages efficiently. Our task is to create a database where all the data regarding users, guides, hotels, tour packages can be stored. Following are the database description/requirements:

**Description/Requirements:**

- The users will have fname, lname, age, phone, email, gender.

- The website will offer packages that include hotels/villa, tour guides, different visiting spots based on the price and the duration of the full trip. It also keeps in mind the number of people who can be accommodated in a room/villa.

- Users can also directly book hotels/villa instead of opting for packages.

- Hotel/Villa will show the available rooms based on the price range and location selected by the user. User can also select AC/Non-AC rooms.

- Users can also view the list of tourist spots based on the location selected.

- Users can view the restaurants and cafes nearby the location selected.

Queries:

* Find packages in a certain price range.
* Find hotel in a certain price range.
* Find all the hotels at any “xyz” locations