**Just Travel Database Design**

The database will store user information. Users can add activities to their account and create new activities. Activities can be sorted by location, and activity type.

The following tables will store information about users:

1. **User**
   1. UserID (int)
      1. Primary key
   2. Username (varchar)— use username/password combo to validate login attempts
   3. Password (varchar)— use username/password combo to validate login attempts
   4. FirstName (varchar)
   5. LastName (varchar)
   6. Email (varchar)
   7. LocationID (int)
      1. Stores all states. (Can be used to find activities in your location)
      2. foreign key referencing Location table
   8. UserTypeID (int) - foreign key referencing UserType table
   9. TravelFreq (text) – how often you travel
2. **Locations – list of all states used to tag the location of the activities and users.**
   1. LoactionID (int)
   2. StateCode (varchar)
   3. StateName (char)
3. **UserType**
   1. UserTypeID (int)
   2. UserTypeName (varchar)
      1. Administrator
      2. User

The following tables will store information about activities and which activities have been saved to a user.

1. **Activity**
   1. ActivityID (int)
   2. ActivityName (varchar)
   3. Description (text) — additional details about this activity
   4. ActivityTypeID (int)
      1. which type of activity this is. (Sort activities by type)
      2. foreign key references ActivityType table
   5. Rating – stores 1-5
   6. ActivityContactID (int) – foreign key references the ActivityContact table
   7. LocationID (int) – foreign key references Location table
   8. DateCreated (date) – so user can know how old activity is
2. **UserActivity (links the activity to the user account)**
   1. UserID – (int) foreign key references User table
   2. ActivityID –(int) foreign key references Activity table
3. **ActivityType (sort activities by type)**
   1. ActivityTypeID (int)
   2. ActivityTypeName (text) (ex. Horseback riding, dolphin swimming, ATVing, hiking).
4. **ActivityContact – stores the contact info for an activity**
   1. ContactID (int)
   2. ContactName (varchar)
   3. ContactEmail (varchar)
   4. ContactPhone (int)
   5. OtherInfo text
   6. AddressID (int) – foreign key references Address table
5. **Address**
   1. AddressID (int)
   2. Street (varchar)
   3. City (varchar)
   4. LocationID (int) – foreign key references the Location table (list of states)
   5. Zip (int)