

# **Online Travel Agency**

## **(Comet Travels)**

### **Authors:**

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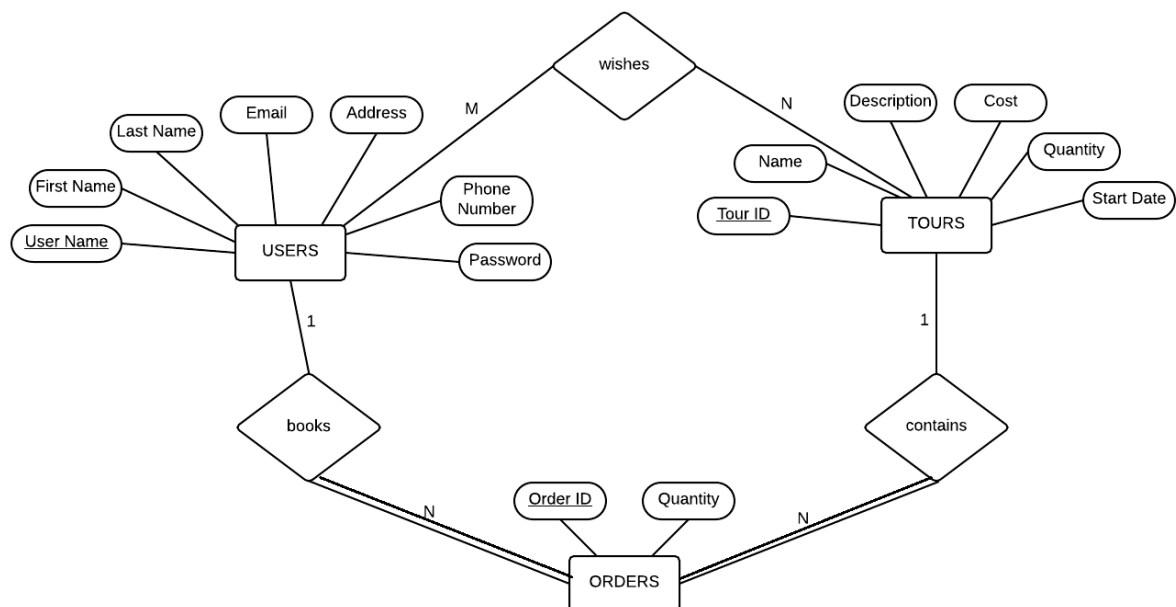
- **Project Title:** Online Travel Agency
- **Name for the Website:** Comet Travels
- **Project Description:**

This Web Application allows Users to register and book tickets for various tours available in the Website. There can be only one User with given User Name and Email. These details are checked when a new User registers. Wish List is provided to the User in which the User can include his favorite tours so that he can refer to his favorite tours directly instead of searching the entire list. The User can also see the list of orders booked till date.

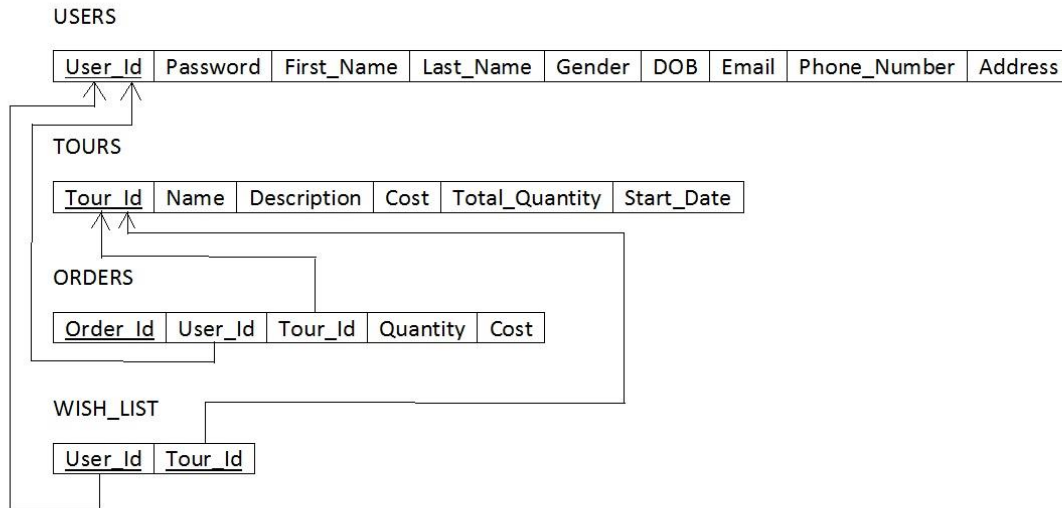
Separate login page is provided for Administrator. Admin can add new tours, edit the tour details and delete the tour if no user has booked the tickets for that tour. These changes in tours are available for the Users directly. Admin can see all the tours whereas Users can see the tours starting from the current date only.

- **Database Design:**

There are 3 Entities in our design which are connected as in the following ER diagram:



Four tables are created from the above mappings which are connected as in the following Relationship diagram:



Tables are normalized to 3NF form and the foreign key relationships are as shown above. To execute the project, a database with name 'online\_travel\_agency' need to be created and the file online\_travel\_agency.sql can be imported.

▪ **Languages/frameworks used for implementation:**

Front end – HTML, CSS, Bootstrap, JavaScript, jQuery

Back end – PHP

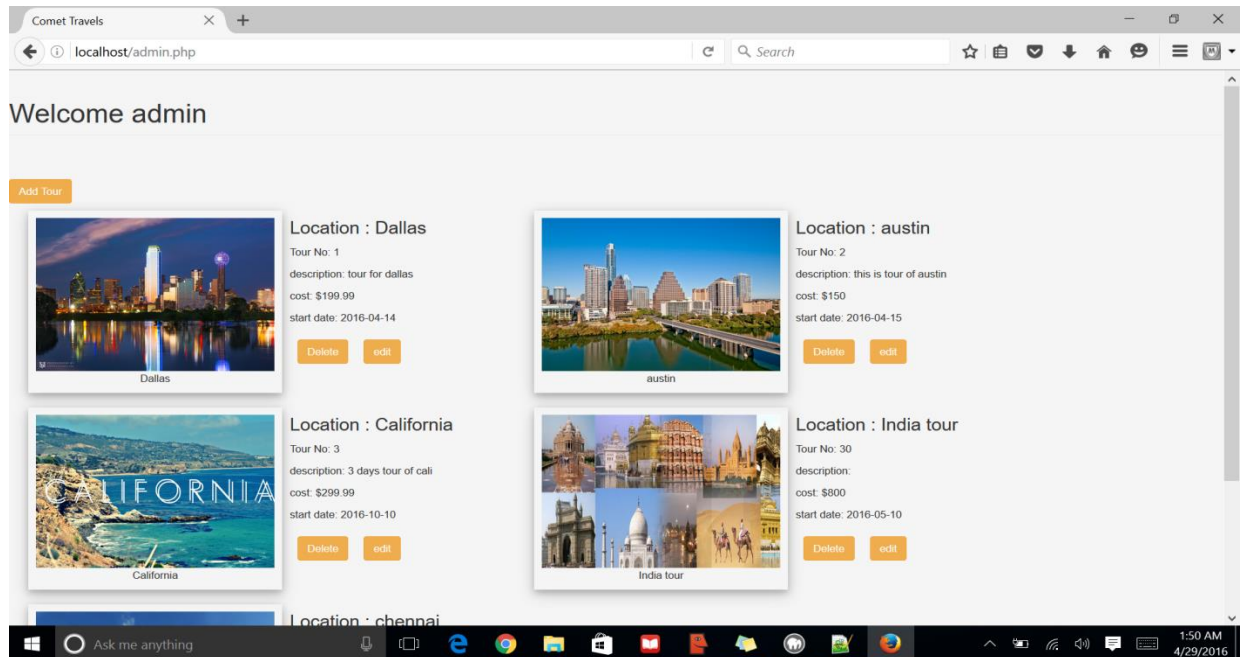
Database – MySQL

## ▪ Screenshots:

Screenshots of some of the important functionalities are listed below:

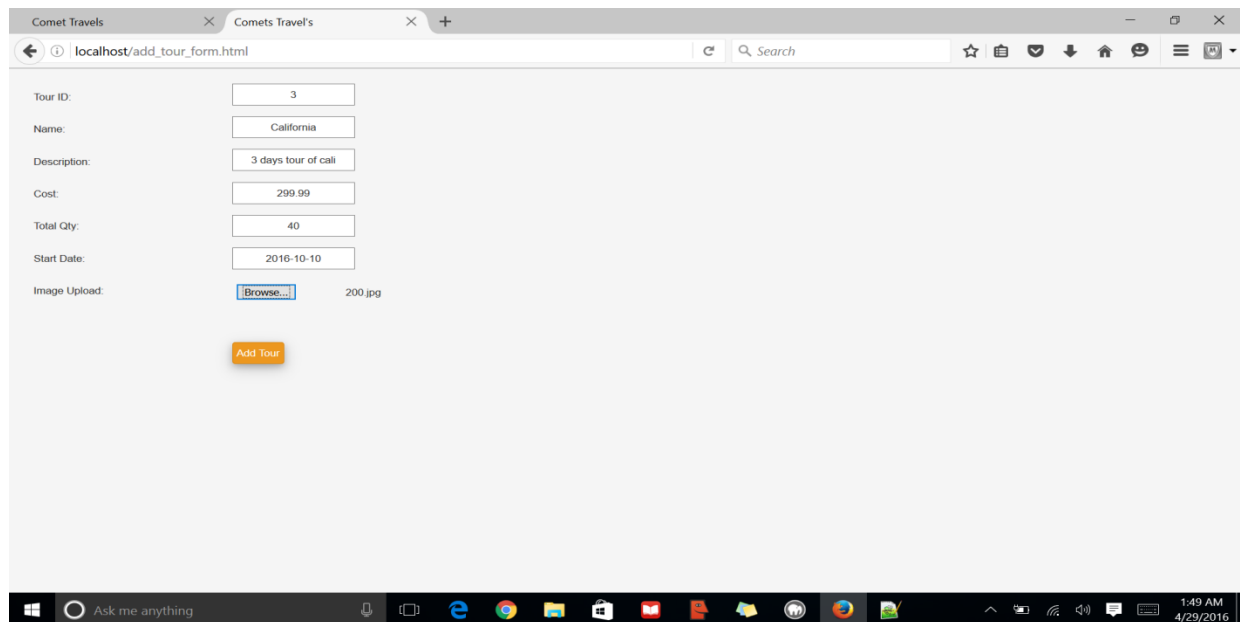
### 1. Admin can Add/Edit/Delete tours

List of tours for Admin are displayed as below:



List of Tours for Admin

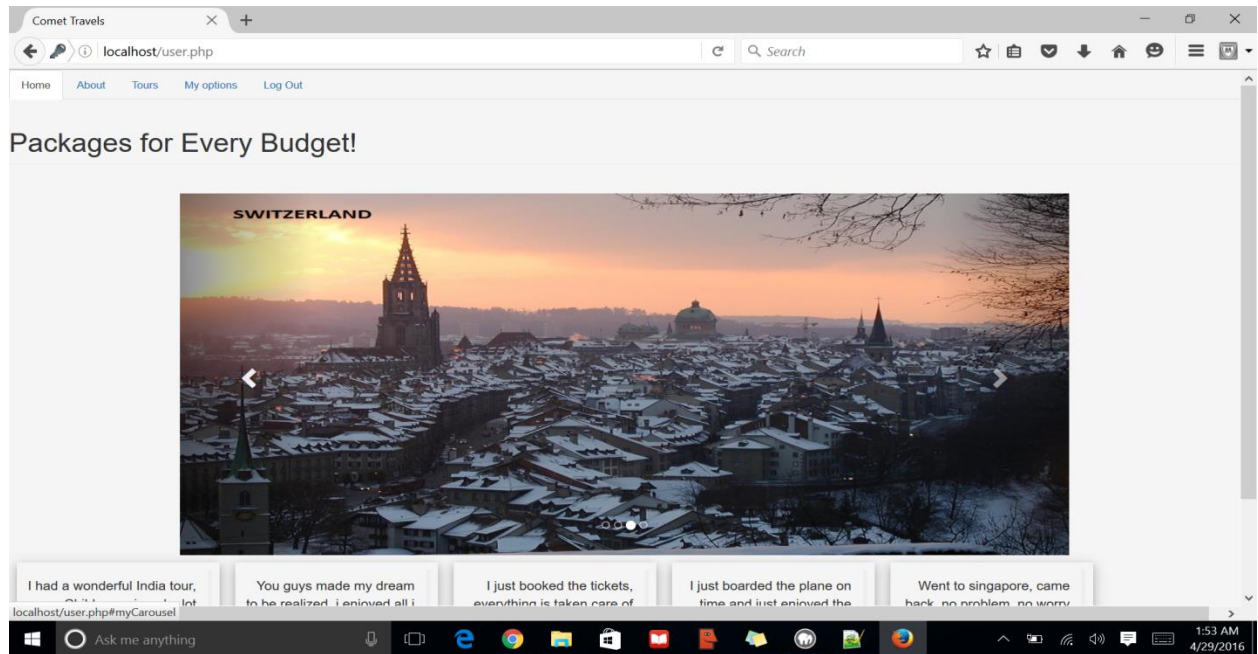
### 2. Admin can add new tours by clicking on the 'Add Tour' button.



Adding a tour by Admin

Admin can also Edit/Delete the tours by clicking on the buttons provided in the List of Tours page. Image for the tour can be uploaded here.

3. Home page of the Website is displayed when 'localhost' is given in the URL:



Home Page

Contact details of the Travels are provided in 'About Us' menu.

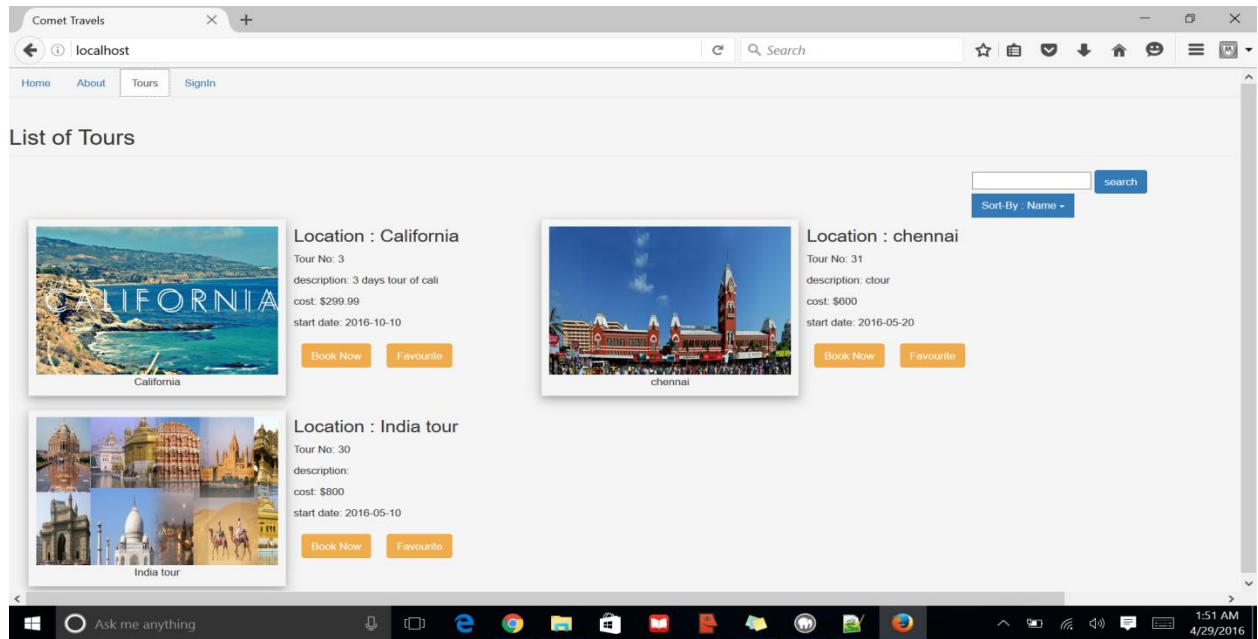
4. Registration page for new User:

A screenshot of the 'Comet Travels' user registration page. The browser's address bar shows 'localhost/add\_user.html'. The form contains the following fields: 'User Name' (filled with 'mxn151930'), 'Password' (filled with '\*\*\*\*\*'), 'Confirm Password' (filled with '\*\*\*\*\*'), 'First Name' (filled with 'Manoj Kumar'), 'Last Name' (filled with 'Natha'), 'Gender' (a dropdown menu showing 'Male'), 'Date of Birth' (filled with '1993-07-31'), 'E-mail ID' (filled with 'mxn151930@buidallas.e'), 'Phone Number' (filled with '4697407546'), and 'Address' (filled with '2200 Watersview Parkway, APT# 26107, Richardson, TX-75080'). There is an orange 'Register' button at the bottom of the form. The Windows taskbar at the bottom shows the time as 2:19 AM on 4/29/2016.

User Registration page

User name and Email should be unique for every user. Password should contain at least one capital letter, one small letter and one digit.

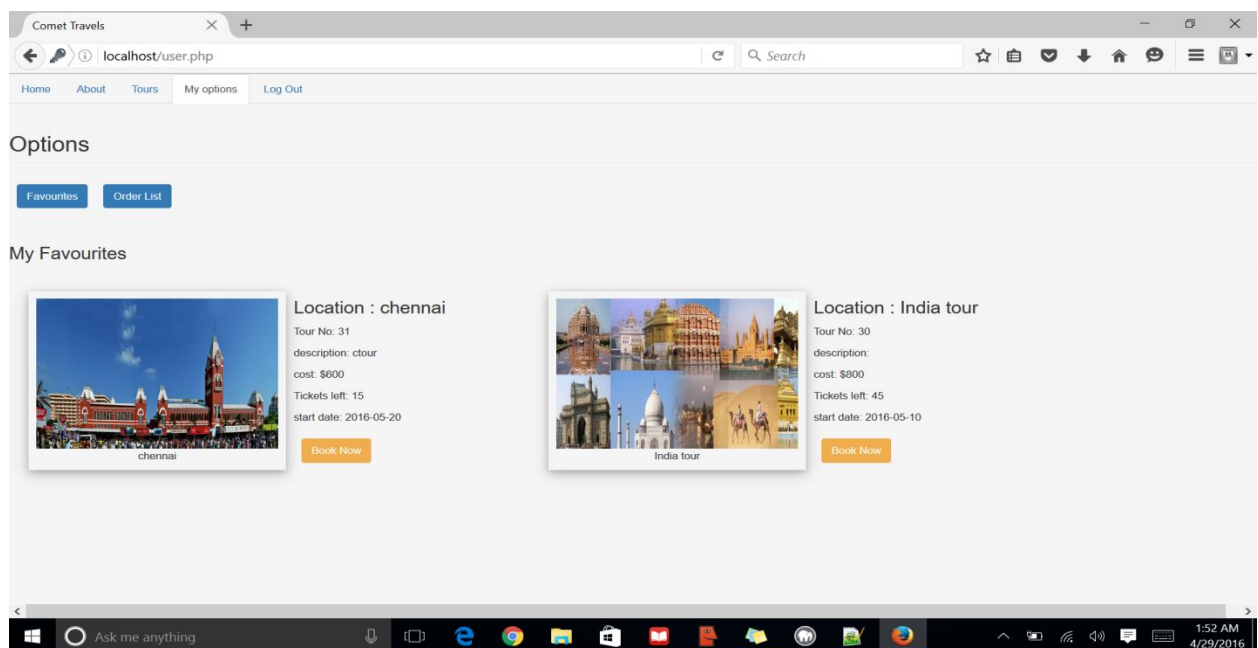
5. List of tours for User are provided as below:



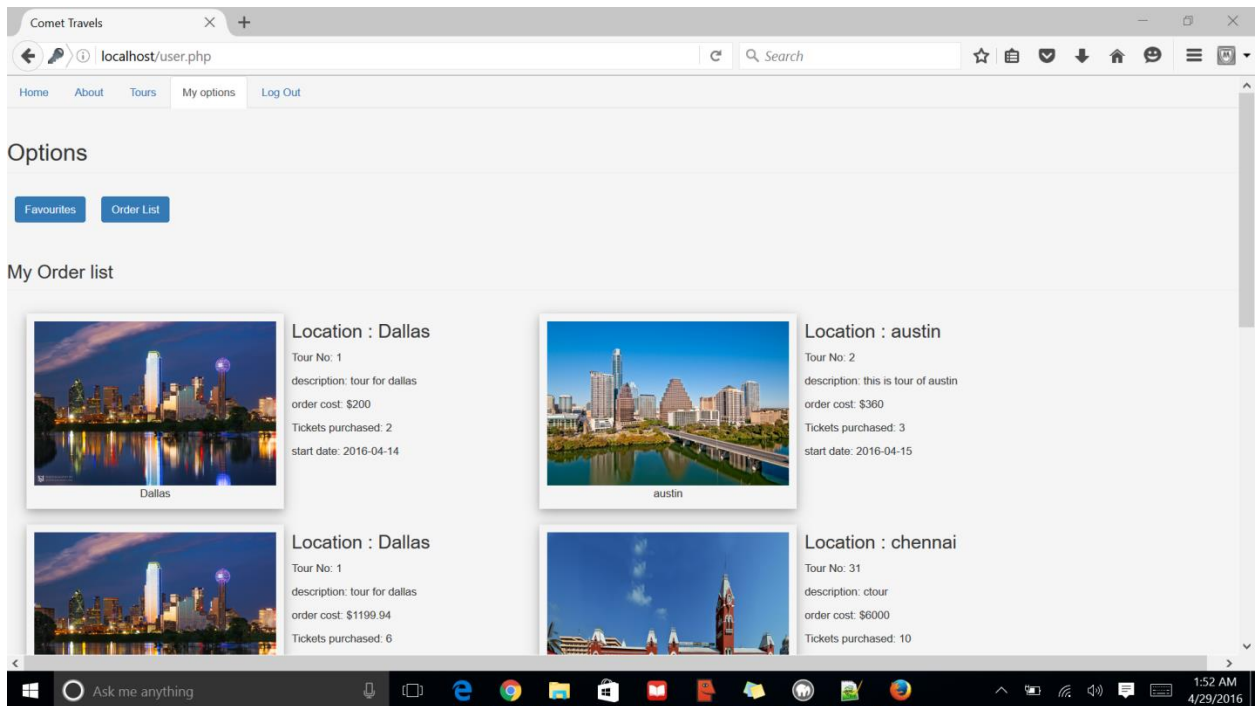
List of Tours for User

User can only see the tours which has start date later than the current date. By default, the tours are sorted by Name. Users can also modify the sort based on Price and Start date. Search is provided on the name of the locations. Users can add to Favorites and book tickets from this page.

6. User can view the favorite tours and the orders made by him/her.



Favorites



## Orders

Users can also book the tickets directly from the favorites. After the User books the ticket, it would be updated into their orders immediately.

### ■ Team Members:

Manoj Kumar Natha (mxn151930)

Venkata Sai Chaitanya Vaddella (vxv150530)

Abhishek Thangudu (axt153530)

- **Work Division**

**Manoj Kumar Natha (mxn151930)**

Database Design

Admin Page – Add/Edit/Delete tours

Sorting and Searching while displaying the list of tours

Integrating modules

Report writing

**Venkata Sai Chaitanya Vaddella (vxv150530)**

Database Design

Listing tours for User

Adding the tours into favorites and listing them

Styling the Web pages including Home page(CSS and Bootstrap)

Integrating modules

**Abhishek Thangudu (axt153530)**

Database Design

User Login (Registration / Sign – in)

Listing and Booking Orders for User

Integrating modules

Report Writing