

README

Project was divided into following modules

1. Database builder (Stored at Project/database/)
 - a) Data scraping
 - b) Database creation
2. Itinerary recommender (Stored at Project/UI/js/)
3. Frontend (Stored at Project/UI/index.html)

Section 1: Setting up

1. Initial set up for running database builder

a) Data scraping

Install python 2.7 or 3.5

Install selenium

Install beautifulsoup

Scrape the data by running selenium and beautifulsoup with the help of python

Note: Alternatively you can load the included SQL file itself which contains our exported database

b) Database creation

Install MySQL

2. Initial Set Up for Backend :

To run the backend code install apache2 server

Install php 5.7+

3. Initial Set Up for Frontend :

Install Google Chrome or Mozilla FireFox

Install jquery 3.2.1

Install bootstrap 3.7.1

To generate itinerary, google maps API is required. So register with google API services in personal account and obtain unique key

Section 2: Running and using the program

1. Keep the folder structure as it is and open /Project/index.html in localhost
2. Select the location from where you would like to start the trip on the map
3. Move to the second tab
4. Enter the dates and times of the trip
5. Select plan button
6. On the left hand side, select the categories from the pane
7. You can either choose Auto recommend option or choose the places manually and select the Choose option
8. The places are listed in all the tabs for convenience purposes
9. Once selected, itinerary will be generated in on the map in the first tab in the order of visit marked by succeeding letters of the alphabet
10. The itinerary in the form of table will be generated in the third tab, with arrival, departure and visit duration details