

## In the name of God

### Sw engineering 2.nd phase

#### 1.User story:

##### User:

1. First a page is showed to user in order to take personal information. Then users enter their information such as username, password, first name, last name and click on "Sing up". In case they already have an account, they can enter by entering their username and password and click on "Login".
2. Afterwards in the next page, users can add their interests and preferences by clicking on "Add interests".
3. Then, by clicking on "find destination" in the user homepage, a form is showed to users in order to take their desired date and budget for travel. Then by clicking on "Start" system searches for suitable destination.
4. In a new page, the result which contains some information about the destination, chosen accommodation and transportation according to the inserted budget is showed to user. By clicking on accommodation or transportation user is redirected to the website where they can book the chosen services. Comments and features of the destination city, which other people had entered, are also shown on the page.
5. user can evaluate the system suggestion by clicking on "Participate in poll".
6. By clicking on "feedback" user can comment about cities. They also can choose features for each city from features list. Afterward by clicking on "submit" their information is submitted to system.

##### Admin:

- 1.First of all, a page is shown to admin in order to enter her username and password.
- 2.After Login, admin can enter new information about cities and add it to the database by clicking on "Adding city".
- 3.Admin can observe user's feedback and delete feedbacks which have inappropriate contents.

And Also she can control the features of cities which users have entered.

## 2Requirements.:

### Functional Requirements 2.1

- i. Account:
  - User can make account by entering information and interests.
  - User can update their interest.
- ii. Searching destination
  - User enter their desired date for traveling.
  - User specifies if they want to reserve travel services or not.
  - System suggest best destinations that fit the user interests by analyzing user data and previous data.
  - System shows some information and features of the chosen destination.
- iii. Services
  - System choose available accommodation and transportation services based on user data like travel date by using APIs from the online reservation sites.
  - System shows weather situation for the chosen city and user travel date.
- iv. Evaluating:
  - User can leave comment about cities.
  - User can give labels (features) to cities.
  - User can enter their information about previous travels.
  - User can evaluate the suggested destination and travel services.

### 2.2 Non functional :

- i. Performance:
  - Learning algorithm should be chosen so that outlier data will be less effected.
  - Suggesting destinations should be done less than 5 seconds.
  - System should receive user's satisfaction after the result is shown.
- ii. Cultural and Political:
  - Inappropriate comments should be deleted by admin.