**UC Scenario Document**

1. **Identifier: UC1**

**Use Case Name: Login/SignUp**

Basic Flow:

1. For the first time, user need to register him/herself.
2. Registration asks user to enter some details like name, email, contact no.,username, password,etc.
3. After all details filled successfully. User will get confirmation mail consisting verification code. User has to submit verification code within given time limit [A1].
4. After registered once, user will need to login using username and password[A2].

**Alternate Flows:**

**[A1]:**

1. For the first time, user need to register him/herself.
2. Registration asks user to enter some details like name, email, contact no.,username, password,etc.
3. After all details filled successfully. User will get confirmation mail consisting verification code. User has to submit verification code within given time limit.
4. If the mail doesn't arrive and verification is not done within a given time,the user needs to try to register again.

**[A2]**

1. After registered once, user will need to login using username and password.
2. If any one- the password or Email ID is inconsistent or incorrect, the user gets an error dialog box.
3. **Identifier: UC2**

**Use Case Name: Suggest Packaged Tours**

**Basic Flow:**

1. The user is prompted to fill the filters like budget, Destination and Source.
2. The user is shown different packaged tours. User can go back and change the filtering options.
3. Further, the user gives his/her preferences for the type of the tour from the options available: family, with friends, adventurous, etc All the filtering/ selecting preferences are asked that can be possible for that particular tour/package.
4. The user finally finds the appropriate package or goes to the option of building his/her own package.

**Alternate Flows:**

**[A1]:**

1. The user is prompted to fill the filters like budget, Destination and Source.
2. The Budget is low for the given pair of Destination and source. A dialogue box appears notifying the user about the same.
3. The packages for the given pair of Source and Destination are shown irrespective of Budget and then the user is prompted to fill the budget.

**[A2]:**

1. The user is prompted to fill the filters like budget, Destination and Source.
2. The destination/source filled in by the user does not exist in the System Database. The user gets the message to enter other destination location or choose from the given ones.

**[A3]:**

1. The user is prompted to fill the filters like budget, Destination and Source.
2. The user is shown different packaged tours. User can go back and change the filtering options.
3. Further, the user gives his/her preferences for the type of the tour from the options available: family, with friends, adventurous, etc.
4. There are no tours in the categories and filters provided by the user. The user is prompted to build a package [UC3].
5. **Identifier: UC3**

**Use Case Name: Building Own Package**

**Basic Flow:**

1. The application prompts user to enter details: budget, number of people travelling, all Destinations, source, Start Date, End Date.
2. The user now chooses the travelling mode from the source to one of the destinations which is final destination using UC4.
3. For the given destination to source, a round trip is suggested for the user within the time entered by the user.
4. The amount of the favourable travelling mode gets deducted and the information of it gets added in the temporary list of the user (which is similar to a basket) and is stored temporarily in the database.
5. User is prompted to select hotels. Now, the user adds hotels at all the destination entered by him/her in the list using the UC5.
6. Final map of the entire route is displayed. Now the user can check the list and accordingly get redirected to the links providing the deals.

**Alternate Flows:**

**[A1]:**

1. The application prompts user to enter details: budget, number of people travelling, all Destinations, source, Start Date, End Date.
2. The user now chooses the travelling mode from the source to one of the destinations which is final destination using UC4.
3. There is no travelling mode from the given source to specified destination. Hence, the options near those source and destination are suggested and then the user proceeds.

**[A2]:**

1. The application prompts user to enter details: budget, number of people travelling, all Destinations, source, Start Date, End Date.
2. The user now chooses the travelling mode from the source to one of the destinations which is final destination using UC4.
3. For the given destination to source, a round trip is suggested for the user within the time entered by the user.
4. There are no options for the start to end date for the round trip for that particular travelling mode. All the options of that travelling mode near those dates are suggested.

**[A3]:**

1. The application prompts user to enter details: budget, number of people travelling, all Destinations, source, Start Date, End Date.
2. The user now chooses the travelling mode from the source to one of the destinations which is final destination using UC4.
3. For the given destination to source, a round trip is suggested for the user within the time entered by the user.
4. The deal can not be entered in the list as it exceeds the budget. The user is asked to increase the budget.

**[A4]:**

1. The application prompts user to enter details: budget, number of people travelling, all Destinations, source, Start Date, End Date.
2. The user now chooses the travelling mode from the source to one of the destinations which is final destination using UC4.
3. For the given destination to source, a round trip is suggested for the user within the time entered by the user.
4. The amount of the favourable travelling mode gets deducted and the information of it gets added in the temporary list of the user (which is similar to a basket) and is stored temporarily in the database.
5. User is prompted to select hotels. Now, the user adds hotels at all the destination entered by him/her in the list using the UC5.
6. The deal(s) can not be entered in the list as it exceeds the budget. The user is asked to increase the budget or drop a few destination (places to be visited).
7. **Identifier: UC4**

**Use Case Name: Travelling Modes**

Basic Flow:

1. User will enter source and destination.
2. User will be asked to choose travelling mode from any of these: bus, train, flight, car.
3. Based on choices of user, available travelling options will be displayed[A1] for given source to destination[A2].
4. According to the preferences, the user gets redirected to the links providing the deal.

**Alternate Flows:**

**[A1]:**

1. User will enter source and destination.
2. User will be asked to choose travelling mode from any of these: bus, train, flight, car.
3. Based on choices of user, available travelling options will be displayed
4. particular travelling mode may not be available, which will made user to change his choices.

**[A2]:**

1. User will enter source and destination.
2. User will be asked to choose travelling mode from any of these: bus, train, flight, car.
3. Based on choices of user, available travelling options will be displayed for given source to destination.
4. It may happen that source doesn’t have airport or railway station. So user have to change source such that travelling mode can be available.
5. **Identifier: UC5**

**Use Case Name: Hotel Suggestions**

**Basic Flow:**

1. User will be asked to enter destination to display hotels.
2. He can customize list based on facilities he wants to have like: wifi, geyser, AC, TV, etc.
3. User can also limit hotels based on budget[A2].
4. Accordingly available hotels will be displayed[A1].
5. User gets chooses to get redirected to the best deal by clicking the site offering the deal.

**Alternate Flows:**

**[A1] :**

1. User will be asked to enter destination to display hotels.
2. He can customize list based on facilities he wants to have like: wifi, geyser, AC, TV, etc.
3. User can also limit hotels based on budget[A2].
4. Accordingly available hotels will be displayed[A1].
5. User may take some time to book the rooms, meanwhile some other may books the rooms and hotel is fully booked for particular date.

**[A2] :**

1. User will be asked to enter destination to display hotels.
2. He can customize list based on facilities he wants to have like: wifi, geyser, AC, TV, etc.
3. User can also limit hotels based on budget[A2].
4. In given budget, hotels may not match your expectations of facilities provided like geyser, wifi,etc.
5. **Identifier: UC6**

**Use Case Name: Places Suggestions**

**Basic Flow:**

1. The user is prompted to choose the place to be visited.
2. The user is asked the month of travel for a chosen place.
3. The user gets the description, places of attraction for that place, activities to be done at that place, other users’ reviews, pictures and posts related to that place. He/She gets the local transportation facilities enlisted (if the information is available).

**Alternate Flows:**

**[A1]:**

1. The user is prompted to choose the place to be visited.
2. The place is not available for that month of travel that is the time period asked by the user is no available as the period for travelling in the database, natural disaster, etc.

**[A2]:**

1. The user is prompted to choose the place to be visited.
2. The user is asked the month of travel for a chosen place.
3. The user gets the description, reviews, pictures and posts related to that place.
4. User is asked to login for rating the comments and follow UC7.

1. **Identifier: UC7**

**Use Case Name: Write Reviews/ Comments**

**Basic Flow:**

1. The user is asked to login for writing the reviews or posting the pictures or rating the already written reviews.
2. After successful login, the user chooses whether to write a review, or post a picture or rate a review.
3. The user writes the review successfully and it gets stored in the database.

**Alternate Flows:**

**[A1]:**

1. The user is asked to login for writing the reviews or posting the pictures or rating the already written reviews.
2. The user is not authenticated, that is he/she has never registered on the system ever. The user is asked to register first and thus follow UC1.

**[A2]:**

1. The user is asked to login for writing the reviews or posting the pictures or rating the already written reviews.
2. After successful login, the user chooses whether to write a review, or post a picture or rate a review.
3. The user writes the review but exceeds the number of words and thus gets the error message.
4. The user edits the review.

**[A3]:**

1. The user is asked to login for writing the reviews or posting the pictures or rating the already written reviews.
2. After successful login, the user chooses whether to write a review, or post a picture or rate a review.
3. The user chooses to post a picture and has to post it within the picture standard or needs to resize the picture as he/she did not follow the standard provided by the system.

**[A4]:**

1. The user is asked to login for writing the reviews or posting the pictures or rating the already written reviews.
2. After successful login, the user chooses to rate a review or a picture or a deal.
3. **Identifier: UC8**

**Use Case Name: Location Based Trip Suggestion**

**Basic Flow:**

1. The user selects the feature to get location based trip suggestion.
2. User is prompted to login for continuing, if not logged in.
3. User will be asked to allow location access[A1].
4. If User allows system to fetch location information, nearby places/attractions will be suggested on the google map.
5. User can see more details like reviews, travelling available[A2], route, average time to reach there, etc of place by clicking on it.

**Alternate Flows:**

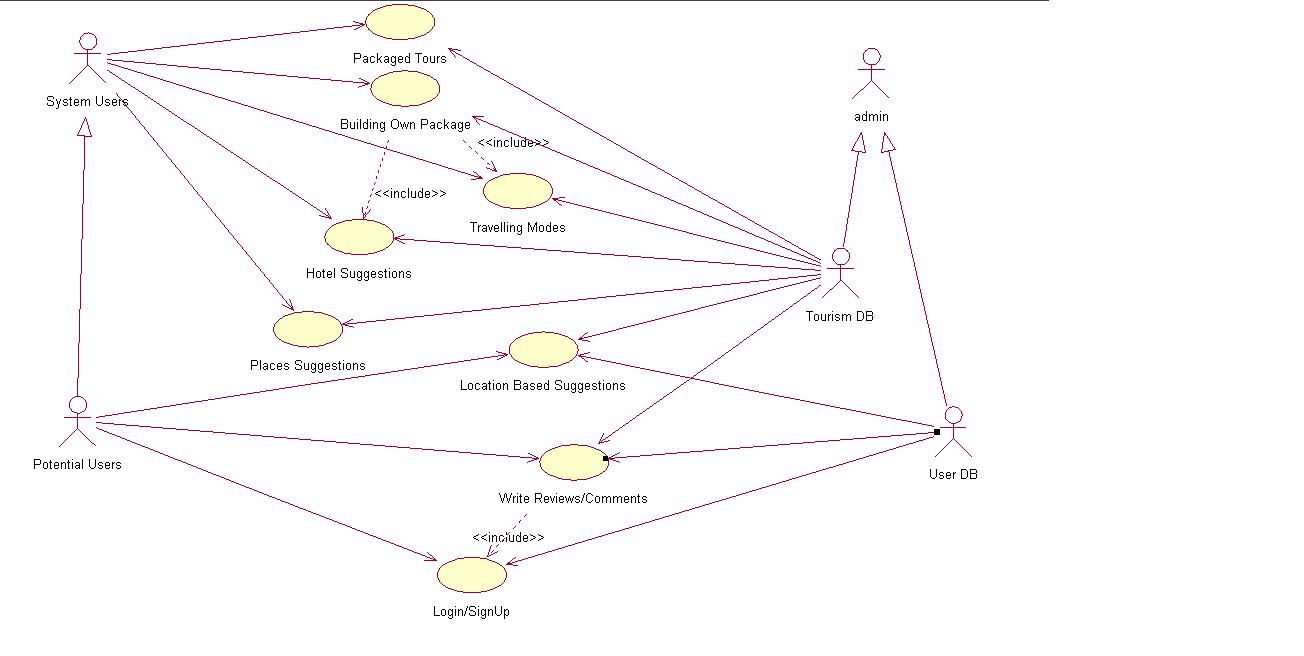
**[A1]:**

1. The user selects the feature to get location based trip suggestion.
2. User is prompted to login for continuing, if not logged in.
3. User will be asked to allow location access.
4. Location access may fail due to network issues .

**[A2]:**

1. The user selects the feature to get location based trip suggestion.
2. User is prompted to login for continuing, if not logged in.
3. User will be asked to allow location access[A1].
4. If User allows system to fetch location information, nearby places/attractions will be suggested on the google map.
5. User can see more details like travelling available of place by clicking on it.
6. It may happen that no travelling modes available for chosen place. So, user needs to walk to chosen place.

**Use Cases Chart**

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