

Project Name: Travel Pakistan

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Subject: Mobile Computing

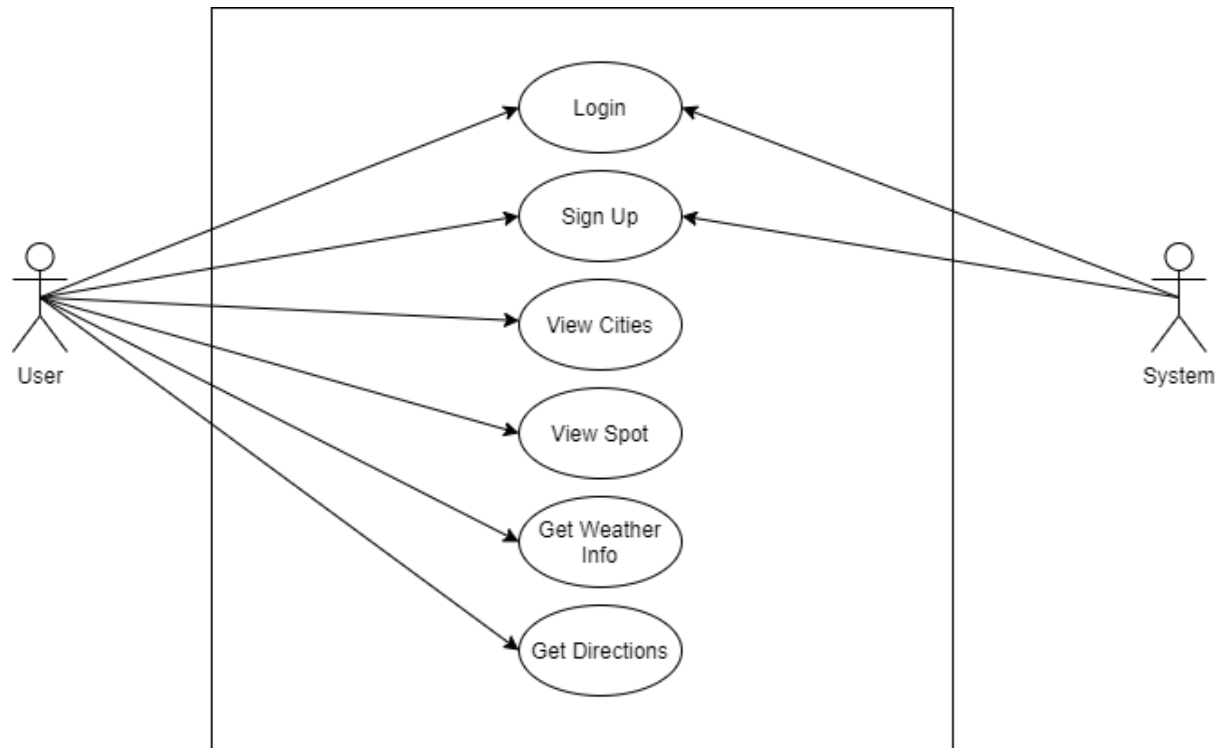
Submitted to: Musaddaq Mansoor

Project Introduction:

Travel Pakistan is an android mobile application for tourists who are travelling Pakistan. The users get information about the famous cities in each province where tourists travel often. List of famous travel spots of the cities are also shown to the users with its picture, details, weather information and maps directions. The users can use the application after making an account on the application and logging in with it. Guest mode is also available for the users.

The user account feature was added so that the users can comment on and rate a specific spot, but this feature is not implemented by now due to lack of time.

Use Case Model:



Use Cases

UC – 1

Use Case: Login

Actors: User, System

Purpose: User logs in its account.

Overview: User after selecting the login option enters his credentials. After authentication from the system the user is logged in.

Typical Course of Events:

Actor Action

1. This use case begins when the users loads the application to log in.
2. The user selects the login option.
3. The user enters his login credentials and submit it.

System Response:

1.
2. The system loads the login activity.
3. Upon authentication, the user is loaded the home screen.

Alternative Courses:

1.
2.
3. If the login credentials are incorrect the user will be shown a relevant message.

UC – 2

Use Case: Sign Up

Actors: User, System

Purpose: User signs up/register its account.

Overview: User after selecting the signup option enters his credentials. After authentication from the system the user is registered.

Typical Course of Events:

Actor Action

1. This use case begins when the users loads the application to sign up.
2. The user selects the sign up option.
3. The user enters the details and submit it.

System Response:

1.
2. The system loads the sign up activity.
3. Upon authentication, the user is loaded the home screen and the data is stored in the database.

Alternative Courses:

1.
2.
3. If the user is already signed up it will be shown a relevant message.

UC – 3

Use Case: View Cities

Actors: User

Purpose: User views the cities and the list of spots.

Overview: The home screen is loaded to the user and the available cities in each province is shown to the user with its pictures. The user selects individual city to view its famous spots.

Typical Course of Events:

Actor Action

1. This use case begins when the user loads the home screen.
2. The user scrolls to view the cities in each province.
3. The user selects the individual city and view its famous spots.

System Response:

1. The system loads the home screen.
2.
3. The system loads the list of famous spots in the specific city.

UC – 4

Use Case: View Spot

Actors: User

Purpose: User views the details about the spot.

Overview: The user selects an individual spot and the details about the spot are shown.

Typical Course of Events:

Actor Action

1. This use case begins when the user loads the list of spots in a specific city.
2. The user selects the individual spot to view it.
3. The user views the details about the spot.

System Response:

1.
2. The system loads the specific spot.
3.

UC – 5

Use Case: Get Weather Info

Actors: User

Purpose: User gets the weather information of s specific spot.

Overview: The user clicks the weather info button and gets details about the specific spot.

Typical Course of Events:

Actor Action

1. This use case begins when the user loads the screen to check weather information.
2. The user clicks on the weather info button.
3. The user views the weather information of the specific spot.

System Response:

1.
2. The system loads the specific spot's weather information.
3.

Alternative Courses:

1.
2. If the partner weather application is down, the user would be shown a relevant message.
3.

UC – 5

Use Case: Get Directions

Actors: User

Purpose: User gets the maps direction of the specific spot.

Overview: The user clicks the directions button and gets map direction of the specific spot.

Typical Course of Events:

Actor Action

1. This use case begins when the user loads the screen to get maps direction.
2. The user clicks on the directions button.
3. The user views the maps direction of the specific spot.

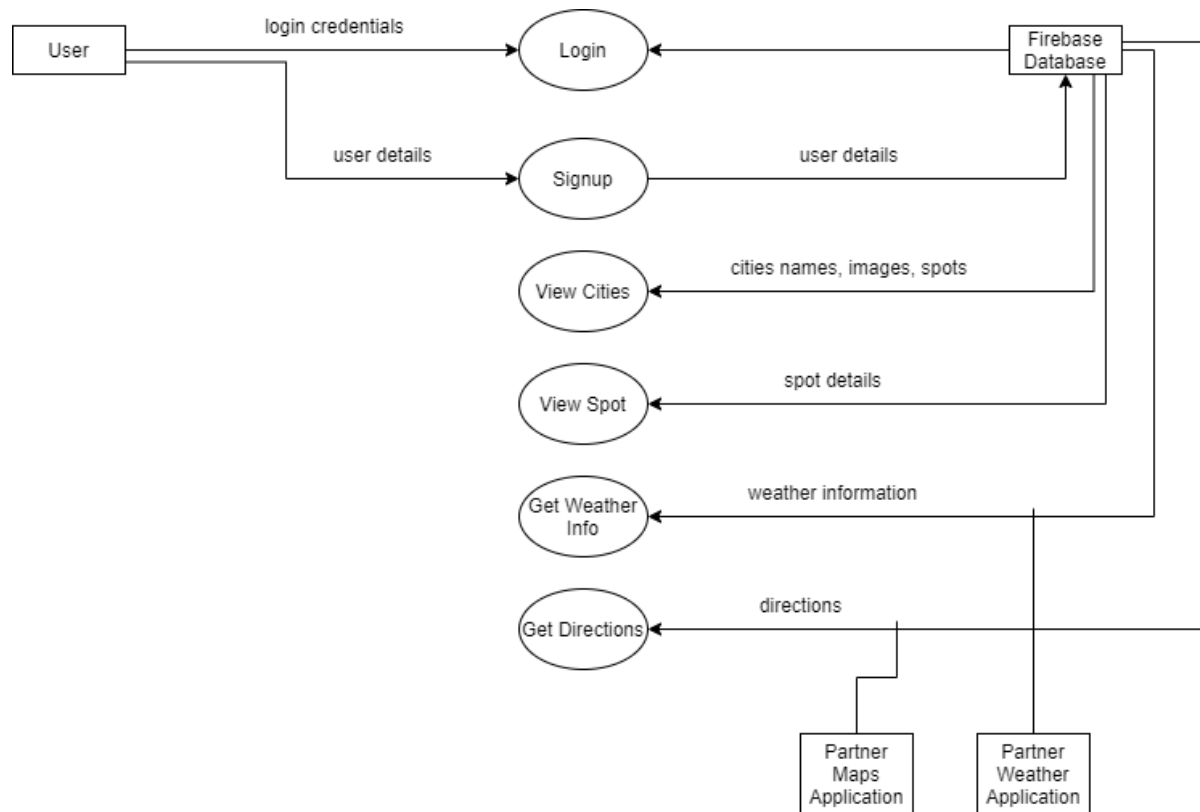
System Response:

4.
5. The system loads the specific spot's direction.
6.

Alternative Courses:

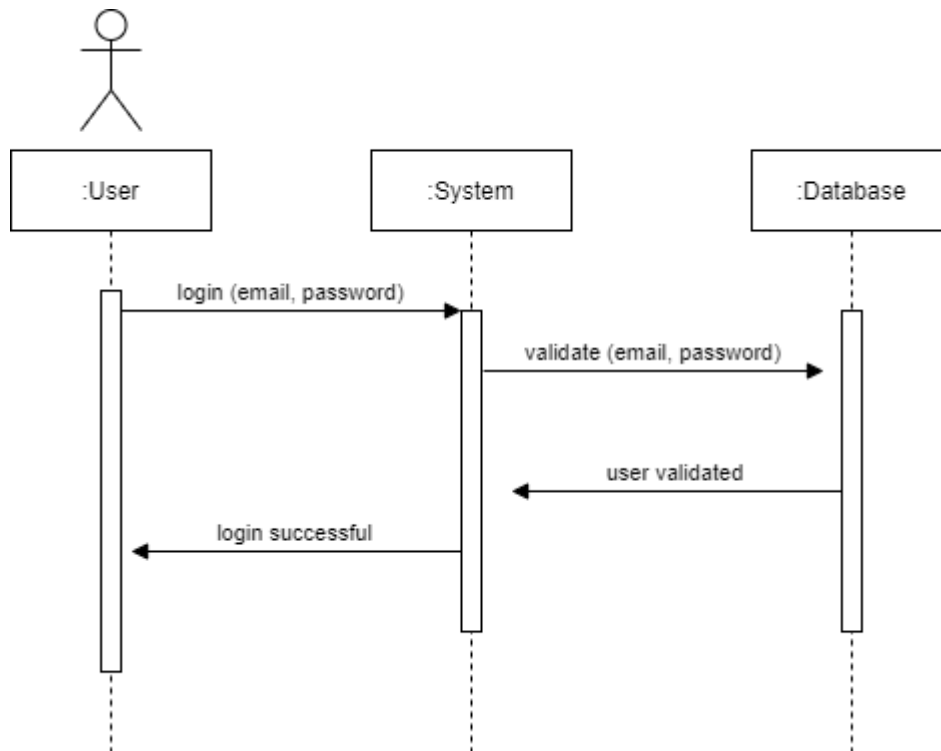
1.
2. If the partner maps application is down, the user would be shown a relevant message.
3.

Data Flow Diagram

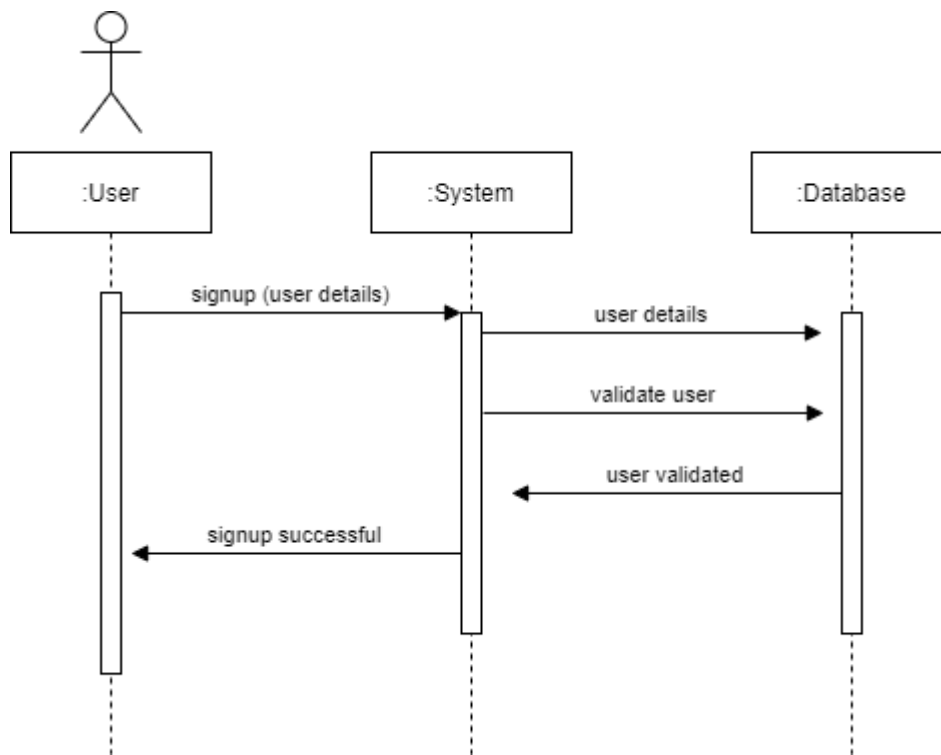


Sequence Diagrams

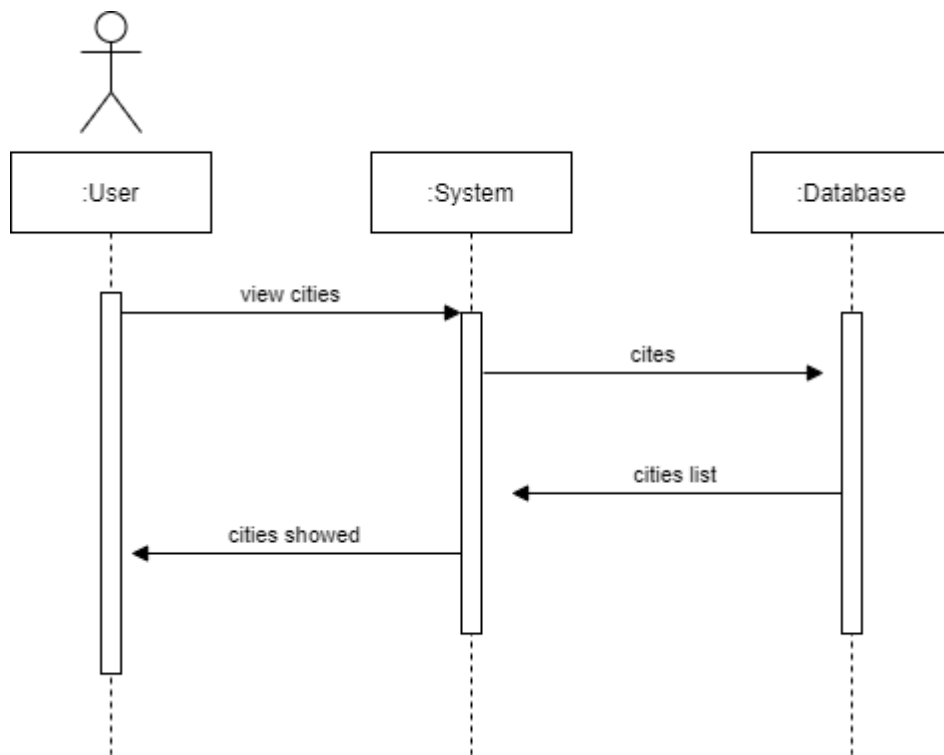
SD 1: Login



SD 2: Sign Up



SD 3: View Cities



SD 4: View Spot

