1. Functional Specification:

* User Information Details:
  + The relevant user information stored are the username, contact number, userid, password and the place the user is planning to visit.
  + This is taken during the user registration process where user specifies all the details other than the destination.
  + While searching for a buddy the user specifies the location he is interested in visiting.
  + User also has the feature to modify the password and the user details.
  + Further the application store the latest place the user is interested in visiting and recommends based on the user destination and the date of visit.
* Destination Details:
  + The destination visited by the particular user is stored in the destination table with the date of the destination and the place of visit.
  + It also stores the username which acts as the joining column for the destination and the user table.
* Travel-aid - Assist tourists in planning and finding people for visiting a particular place based on user input and proximity
* Saves money - The summary of special offers will encourage the user to save some money
* Saves time – Saves time as the users get all the necessary details at a single place through the app.
* The application also has a sign out feature.

1. Modifications to the original Requirements:

* The original design document consisted of the feature to exploit the location of the user using the GPRS feature of the Application.
* But later we modified the requirement to provide the contact to the user to connect the buddies through messaging or phone instead of providing the location details in Google Maps.
* This utilised the Default APIs for messaging and calling to implement the functionality.

1. Hardware APIs Used:

The App has the functionality to connect the users through messages and phone and utilizes the hardware functionality of the camera to send video messages and the mic feature to record voice message s and send an audio message.

REQUIREMENTS FOR COMPONENT INTERACTION:

The below diagram depicts the interaction of the App using the APIs and components.



