

Use Case Functional Requirements

User Function: Start with Current Location

- Application must obtain location from GPS or Wi-Fi

User Function: Pick Activity Type

- Application must give the user a valid list of activity types
- Application must send the activity type chosen to other functions for processing

User Function: View Activities on Map

- Application must display the user's location on the map
- Application must display all the activities matching the activity type chosen by the user in the user's vicinity
- Application must display additional information about a located activity when the user taps on it
- Application must be able to transition to the activity selection process

User Function: Adjust Map

- Application must be able to change between terrain and satellite views of the map
- Application must be able to zoom into the user's location

User Function: Select Activities

- Application must display the located activities in an easy to read format
- Application must allow the user to select and deselect activities easily

User Function: Mail Itinerary

- Application must check if Mail is supported on the device
- Application must launch the mail composer
- Application must launch the Mail app if mail composer fails
- Application must be able to send, save, or discard the email

User Function: Start New Search

- Application must be able to begin a new search by directing the user to the start page