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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