

Use Case Functional Requirements

User Function: Give Application User Current Location or Planned Location

- Application must be able to obtain a location via GPS
- Application must be able to fetch a location based on User input

User Function: Pick Type of Activity

- Application must give the User a list of valid activity types
- Application must validate User input upon type selection
- Application must send activity type to other functions for processing

User Function: Give Application a Budget

- Application must apply constraints to activity results using this User input
- Application must be able to handle errors in the input and suggest/accept corrections

User Function: Review Results

- Application must display results based on User criteria in an easy to read manner
- Application must be able to reorder results based on User input

User Function: Save Results

- Application must save the results in a text based format that is human readable.
- Application must save the results in a user specified location on the SD card or phone storage.

User Function: Send Results

- Application must auto-save results if the currently displayed results aren't already saved.
- Application must attach the saved results to an email and let the User specify the recipients, message subject, and message text.
- Application must delete the auto-saved results if it had to auto-save.