University of Regina

CS 455 – Mobile Computing

On the Road: Storyboard, key tasks & interaction description

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Key Tasks

1. Start/Stop Trip
2. Add additional info to a trip
   1. Trip Name
   2. Odometer reading
   3. Notes - Any comments or observations related to the vehicle that will be used for the trip or about the trip.
3. Create/Edit a vehicle profile
   1. Required fields
      1. Make
      2. Model
      3. Year
      4. Trim
   2. Optional fields
      1. Photo
      2. Name
      3. Odometer
      4. Plate number
      5. VIN
      6. Insurance number
      7. Notes
4. View/Edit/Delete a log entry
   1. Edit options
      1. Name of trip
      2. Vehicle used
      3. Personal/work
      4. Odometer Reading
5. Compare analytics

Interaction Description

1. Start/Stop Trip

On the dashboard screen the user can press the “Start” button to start recording a trip, when the “Start” button is pressed it will change over to a “Stop” button. Pressing the “Stop” button will stop recording the trip, save it to the logs, and take the user to the log entry.

1. Add additional info to a trip

On the dashboard screen the user can press the “Additional Info” button to open up the edit screen allowing them to enter trip information before starting the trip. When completed the user can either press “Save” or “Cancel”, save will save the trip information and take the user back to the dashboard screen, cancel will discard the trip info and take the user back to the dashboard screen.

1. Create/Edit a vehicle profile

On the garage screen the user can press the “+” button to create a new vehicle entry. The user can select the Make, Model, Year and Trim of the vehicle from an automatically populated list, as well as manually add additional information by pressing the “Additional Information” button.

The user can also press the “Edit” button and then select the desired vehicle to edit its information. The interface for creating a new vehicle profile and editing one will have the same fields, however one view will display blank fields and the other one will contain the pre-existing information.

1. View/Edit a log entry

While on the logs screen, if the user taps a log it will take them to the log view screen and display the information and metrics for the log entry. Once within a log the user can tap the “Edit” button, which will allow the user to update some of the trip’s information. When the user is done editing the log they can then press either “Save” or “Cancel” to keep or discard the updates.

1. Compare analytics

In the analytics screen the user can select the “Compare” option, which will open up a list of the other log entries. When the user selects another log, the app will overlay the two entry’s graphs and compare each other's metrics and performance.