OpenSauce Project Plan

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February 3, 2020

Project Goals

Our final product will be a universally adaptable Android app that helps the user evaluate their choices regarding personal transportation. It will calculate scores for carbon, health, time cost and pleasure based on reliable estimations and user input.

The primary objective is to get a general idea how to work as a team, and practice using the tools required to build a legitimate, functioning Android app. We hope that the end product will provide some degree of utility, but also amusement, and hopefully makes people rethink how they move about in their daily lives.

Core Tasks

1. Create a business plan, perform project feasibility analysis

2. Define core functionality, come up with features and evaluate their usefulness vs. implementation cost

3. Create the basic data structures (classes) that are needed for the app to work

4. Design and implement a working user interface (emphasis on logic of use, not appearance)

5. Design a unified, tidy look for the app

6. Test the app in the wild with actual users

7. Write the documentation

8. Plan out and deliver the presentation

Day-to-Day Activities and Tools

Given the scheduling restraints, our team will have to work individually on assigned tasks, which have been mutually agreed upon. Changes will submitted to our GitHub and all work will be continually assessed by the whole team. Day-to-day communication takes place through a dedicated WhatsApp group.

The primary tools will be a text editor of one's choosing and Android Studio. Text file encoding should not matter too much, as only ASCII characters are used. If the Euro symbol is needed for some reason, the files have to be encoded as UTF-8 with UNIX newlines if possible (Android default).

Division of Labor

Members of the group have been assigned roles and titles, which are as follows:

Senior Developer	Markus Suominen
Usability Specialist	Juuso Määttä
Lead Artist	Jonni Koskela
Executive Producer	Jussi
Project Manager	Juho

Project Manager is responsible for all Moodle submissions.

Pitfalls and Exception Handling

Project manager will be responsible for smooth project execution. If any problems or roadblocks arise, he's the one to go to first. We do not expect any significant challenges, but scheduling meetings with all 5 people present will be practically impossible.

We are not particularly concerned about anyone dropping out of the group, as all members possess the necessary skills to bring the project to a satisfactory state of completion.