Heroes To Go Project Plan

Team: Heroes To Go

By: Ricky, Joseph, Johnathan

Oct 10, 2022

1. **Introduction**
   1. **Scope and purpose of document (JF)** –

This document is a preliminary outline of the project plan for the “Heroes to Go” application which is currently in the planning stages of development. The project team will endeavor to succinctly describe the problem and market demand for the application in question and delineate key features currently under development or to be developed at a later point in time. Logistics such as organizational structure, preliminary project schedule and tracking and control mechanisms will also be addressed.

The application itself is described as a social media platform which “crowd-sources kindness.” Users will have the ability to have a Citizen account where they can request help from Heroes or a Hero/Secret Identity account where they can both request help from other Heroes or answer calls for help. A point system will allow users to track their completed quests and can be used to unlock avatar items. A rating system will be enabled to ensure quality service.

* 1. **System Scope**

**Problem/Opportunity Description (JP)** –

**Goal:** The app's main goal is to provide the community with a mobile app they can log into and either request help or provide help.

**Problem trying to solve/ take advantage of:**The problem we are tackling is the need for assistance in everyday life. When you break a leg/foot and have trouble taking care of your lawn, you can send a request, and a hero can come and help. Maybe you're getting older and need help moving furniture around the house. Here are many issues that can come up that sometimes can't be solved with one person depending on the situation. We are taking advantage of that and giving people a way to get the help they need.

**Anticipated Business/Personal Benefits (JP)** –

**Achieve:** The app will be broken up by who is using the app. The Users are the ones requesting help, and then the Heroes will be the ones providing the service. The app will allow users to select what request they are required from a list of options. The heroes can then see the request on a map, determine which ones they want to take, and get directions.

**Benefits:** The Users and Heroes benefit from this app for different reasons. Users will benefit from the app because they will be able to submit requests for help and then be able to receive quality help promptly. Heroes benefit from the app by knowing you are doing something good for those in need.

**System Capabilities (JP)** –

**Help Options:** Users are given a list of options from which they can request help. This list will include Groceries, Lawn care, Home improvements, and remote support.

**GPS:** Heroes can see each request's location in their area, which allows them to prioritize each request and delegate it if needed to a guild member or friend.

**Communication:** Heroes can add other heroes as friends or create a guild to tackle on request as a group. Users are also able to communicate with heroes if needed.

**Rating System:** Users can rate the heroes based on their work. Heroes can rate the users on their interactions. The rating system allows that both parties are respectable.

**System Context (JP)** –

[Heroes to Go Context Diagram](https://drive.google.com/file/d/1CjvV5WQrycLjrGgW-mew-rjnuywKYRvI/view?usp=sharing)

2. **Schedule (RS)**

[Project Plan WBS.mpp](https://drive.google.com/file/d/1ewwe3Kbs8MApt2jiViMX4CNqL-F4lcNW/view?usp=sharing)

[PERT Chart for Project Plan WBS.pdf](https://drive.google.com/file/d/1uHaBDpHslF4bFMiuMbiMh0TpDfbfgDLU/view?usp=sharing)

[GANTT Chart for Project Plan WBS.pdf](https://drive.google.com/file/d/1WbdOSKe_D81o4ghJB8LAllrZ4xPxAvJR/view?usp=sharing)

3. **Staff Organization (JP)**

1. **Team Structure -** The Team stays organized by utilizing Slack for communication, Google Drive for real time collaboration of documents and then Trello for planning. We also utilize GitHub for all our files for the project. The responsibility of each task is divided up and shared equally between the three of us. The Roles are:

* Ricky: Team Leader
* Joe: Lead programmer/Software tester
* John: UX/ UI designer

4. **Tracking and control mechanisms (JF)**

The initial creation of this document was performed via concurrent editing in the Google suite utilizing Google Docs. The completed first draft will be uploaded to the project GitHub repository. Any future revisions will be via a copy with the file name denoting the revision and sub-revision number. All changes will be documented via the inherent google revision tracking. Oversight of any and all changes will be the responsibility of Ricky, the Team Leader with all suggestions being accepted either explicitly via the weekly stand up meetings or implicitly through lack of objection. It is the responsibility of all team members, however, to take ownership of the document and not rely on leadership to find any errors.