Side Quest Project Plan Draft

IT Otters

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Introduction

Scope and purpose of document (B.W.)

In one paragraph, describe what is contained in this document and the general purpose of a Project Plan. In a separate paragraph, provide an overview of your application.

The Side Quest Project Plan is intended to provide outer bounds to the capabilities of the software as well as provide an understanding of its features and functionality. The team intends to elucidate the need for this technology, explain the potential for financial gain on the part of any prospective investors and lastly describe the breadth and depth of the value that side quest provides.

System Scope

Problem/Opportunity Description (B.D, A.R)

In 1-2 paragraphs, describe what the goal is of your project. What problem are you trying to solve or what opportunity are you trying to take advantage of?

The goal of our project is to make road tripping easier, and more accessible. It allows users that admire road trips and sightseeing to get alternative routes to their destination. Giving users that may be new to an area the ability to use keyword search to find entertainment, landmarks and parks. Keyword search allows users to find unknown/popular spots near them.

Anticipated Business/Personal Benefits (A.R)

By creating this application, IT Otters hopes to create a modern tool for road tripping, making planning and the actual process of road tripping easier. We hope to accomplish this by making a customizable mapping service that allows the user to choose their own custom route. This will benefit users in being able to choose what roads they take, how long they're on the road, and how overall enjoyable their driving experience is.

System Capabilities (B.W.)

List of major functions of the system. These are taken from the Project Proposal and expanded upon.

- Custom road navigation
  - Can drag nav between two locations to create a custom route mapping to include points of interest.
- Events near me
  - can post events to our platform like street fairs or popup businesses.
- Points of interest
  - display points of interest like popular like scenic overlooks and hiking trails on the map.
- Invitation System
  - Can invite other profiles to meet you at events or points of interest
- Location sharing
  - Show that you are attending an event or investigating a POI

System Context (B.D)

Using Visio or draw.io, create a System Context Diagram which depicts the primary users of the system and the information that is exchanged between them and the system.

Submit the System Context file as a separate file from your plan document

Schedule (A.R)

Using MS Project/Project Libre, create a Work Breakdown Structure Chart, identifying all tasks required to complete this team project, dependencies and staff resources for each of the tasks. Include phases to group and organize your tasks and include milestones.

Submit the schedule file as a separate file from your plan document.

Staff Organization (B.D)

*How is your team organized; who is the team leader and how are you organized? **I'm throwing some notes in here to be deleted before submission BW*

Team Leader: Bro definitely Alex it was his idea to do the navigation app.

-Trello board

-Slack messages -Brandon serial slack agitator

-Blackboard - we might want to throw some stuff back and forth in the BB portal to add to our credit for good communication BW

-GitHub

Tracking and control mechanisms (B.W.)

Describe how you plan to track changes to this and techniques that you will use to monitor the progress of the various tasks. For example, do you have regular meetings, how do you use groupware to keep the documents in-synch and current, etc?

While we use a number of solutions to manage our contributions the most effective means of progress is via the twice weekly pre-class meetings. That being said, below are some of the applications that the team uses to set benchmarks and manage the progression of tasks.

-**trello board**

      Generate an official week-to-week set of goals for the team to achieve.

      Formalize Deadlines.

-**slack**

      Collaborate with colleagues to modify the functionality of features for the application.

      Determine productivity goals and delegate tasks.

-**shared google drive**

      House documentation drafts, explanation of features, System Context Diagram, Work Breakdown Structure Chart.

-**Github**

      Host all of the finalized documents.