

Side Quest Project Plan Draft

IT Otters

Team Members: Alexander Richards, Brandon Weller, Braydon Diblasio

Date: 2/10/2025

Table of Contents

Introduction	1
Scope and purpose of document.....	1
System Scope.....	2
Problem/Opportunity Description	2
Anticipated Business/Personal Benefits	2
System Capabilities	2
System Context.....	3
Schedule.....	3
Staff Organization	4
Team Structure.....	Error! Bookmark not defined.
Tracking and control mechanisms	4

Introduction

Scope and purpose of document (B.W.)

The Side Quest Project Plan is intended to provide 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. Side Quest will provide users alternative routes for those who admire sightseeing and stopping at landmarks. Allowing local users to pin their favorite locations/activities for users that are passing through their State.

System Scope

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

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. Offers users flexible routes allowing them to add destinations that might be left out on their scenic route. 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.)

- Custom road navigation
 - Can drag navigation 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 popular points of interest 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 Point of interest.
- Keyword Search
 - Allows users to find new places by searching with keywords like camping, hiking, entertainment ...etc

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)

Team Members: Braydon DiBlasio, Brandon Weller, Alex Richards

Team Leader: Alex

-Slack messages: Use slack to communicate. Helps us organize our thoughts and ideas outside of class. Gives the ability to stay on top

of due dates for assignments.

-Blackboard: Gives us due dates for assignments giving us a time frame to get our work done on time, keeping the project flowing without delays.

-GitHub: Helps us organize our final documents. Making edits to prior files that needed work, then attaching complete final documents.

Tracking and control mechanisms (B.W.)

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.