# Side Quest Project Plan Draft

IT Otters

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# 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)

*Separate file*

# Schedule (A.R)

*Separate file*

# Staff Organization (B.D)

Team Members: Braydon DiBlasio, Brandon Weller, Alexander Richards

**Team Leader**: Alexander Richards
- Manages schedule and due dates
- Coordinates who's responsible for tasks
- Reviews documentation post submission
- Coordinates edits
- Organizes Github

**Project Team**: Brandon Weller & Braydon DiBlasio
- Completes coordinated assignments
- Reviews personal work pre submission

- Complete assigned edits
- Cooperates with team

# 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 before uploaded to Github. Contains notes from meetings and reviews.

**Github**
- Host all of the finalized documents.