**Trip Manager**

# Introduction

The trip manager helps keep the plans of a trip in a nice organized format. The user will be able to choose the time of the trip and how long it will take along with a name and a budget. The user can then click on each week’s day and view a particular day. It will be able to get the events from google places and drag it to the trip board. Once on the board the user can assign a budget limit and date. The trip manager will also be able to have an overall budget and tell what percentage of the budget is being used and on what.

# Functionality Requirements

1. As a user, I want to setup a board so that I may organize my trip.

Given: The user is logged in

When: The user clicks on a trip

Then: The trip should be added with name and time.

Given: The user is logged in and creates a trip.

When: The trip is created.

Then: It should store the trip in the user’s account.

Given: The user is logged in and created a trip.

When: The user clicks on a trip.

Then: The weeks should display along with days.

Given: The user is logged in and creates a trip.

When: The user creates a budget.

Then: The board will keep track of the total.

Given: The user is logged in and creates a trip.

When: The user clicks on a day.

Then: The day will expand displaying the time throughout the day.

1. As a user, I want to look at events so that I can decide what to add to my trip board.

Given: The user searches a event.

When: The events are displayed

Then: Display the events alongside the board.

Given: The user searches a event.

When: He types a name (e.g., restaurants, museums, etc.)

Then: Return results sorted by highest reviewed (default option).

Given: The user searches a event.

When: He types an invalid name “sfjlkdsfjadslgghadslkf.”

Then: Return invalid and ask for a different event.

Given: The user searches a event.

When: The results are returned.

Then: Display events within a certain mile radius.

Given: The user has obtained the results.

When: A result is clicked.

Then: Display information of event.

Given: The user has obtained the results

When: Chooses filter option

Then: Order events by distance or reviews or etc.

1. As a user I want to add places to my trip board so that they are easy to find.

Given: The user is logged in and is viewing the board

When: The user clicks to add an event to board.

Then: Then the event should be stored with a name, location, and description.

Given: The user has list of events and a day is chosen

When: The user clicks to add to board.

Then: Then the event should appear in the first available hour.

Given: The user has list of events and no date has been chosen

When: The user clicks to add to board

Then: Then the event will be added to the first available day.

Given: The user has added the event

When: The user clicks on event on board.

Then: The user can add a budget.

Given: The user has added the event

When: The user clicks on event on board.

Then: Return the information of event.

Given: The user has added the event

When: The user clicks and holds on event on board.

Then: The user can drag to a new event.

1. As a user, I want to add a budget so that I may determine how much money is being spent.

Given: The user has added the budget.

When: Budget is clicked.

Then: Options to add categories is shown.

Given: The user has added the budget and categories has been added.

When: Budget is clicked.

Then: Can display a pie chart of percentage towards a category.

Given: The user has added a budget to a place in board.

When: The user is done with adding to place budget.

Then: Reduce that amount from the total.

Given: The user has added a budget.

When: The amount goes below 0

Then: Display red and notify the user.

1. As a user I want to customize my trip board so that I may have a personalized look to it.

# Scrum

<https://scrumy.com/TripManager>