Proposal

Client:

Tourism New Zealand

Tourism New Zealand works with the tourism industry to positively promote New Zealand internationally. They have a new campaign aimed at visitors who are staying for short periods, arranging their own transport.

Problem:

Tourism New Zealand have a new campaign aimed at visitors who are staying for short periods, to be able to arrange their own transport.

Desired product:

To achieve this Tourism New Zealand has asked for a one page web application that allows the users to input information, validate it and then provide transport options and calculate cost based on the information provided by the user.

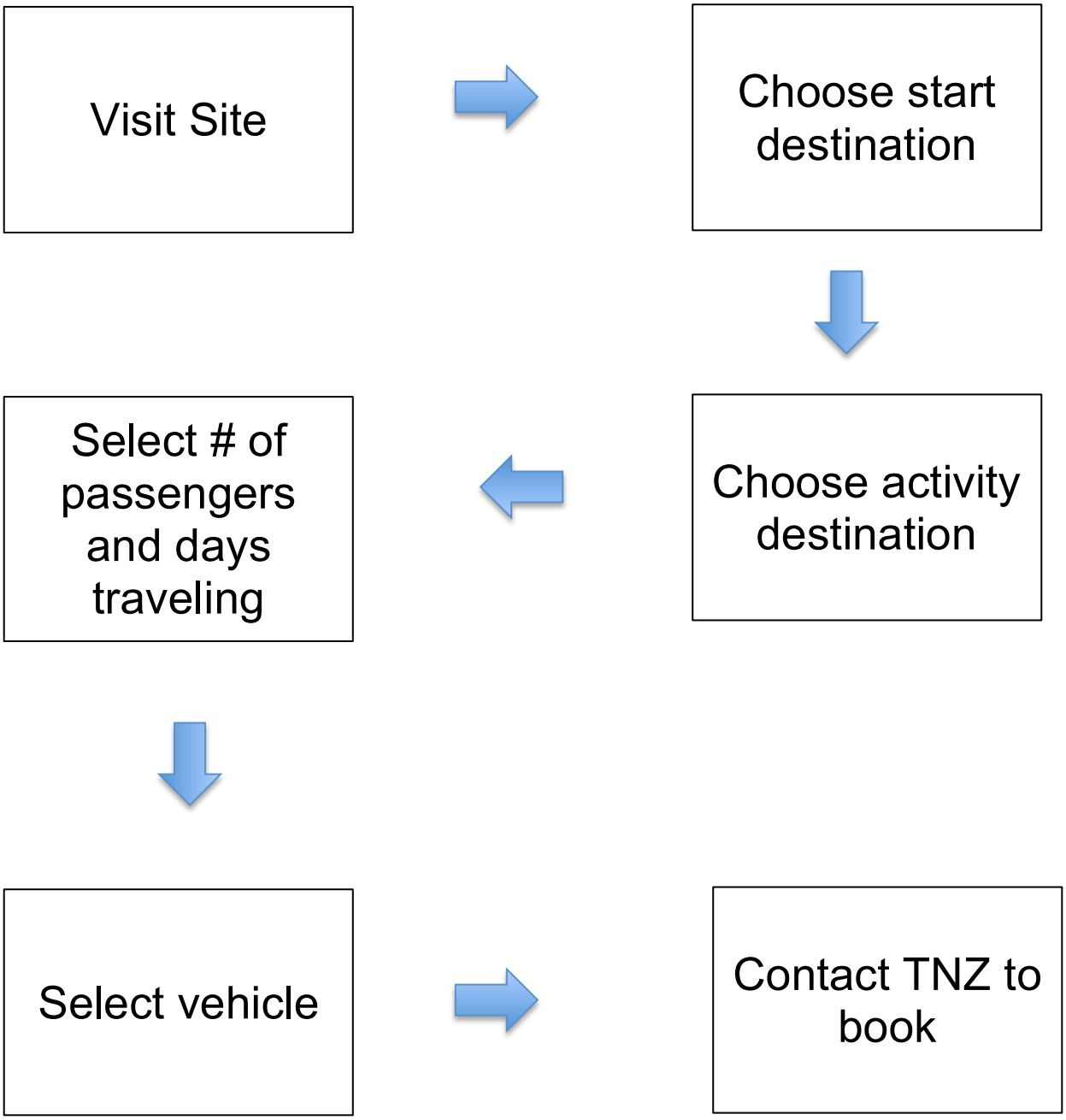
Requirements

- User to input information
- Validate the information
- Display data in a appropriate form

Due Date

14th December 2017

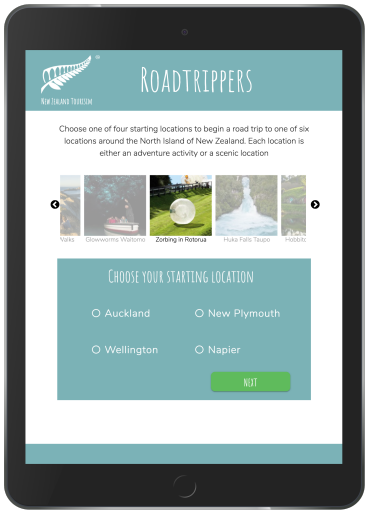
Use case diagram



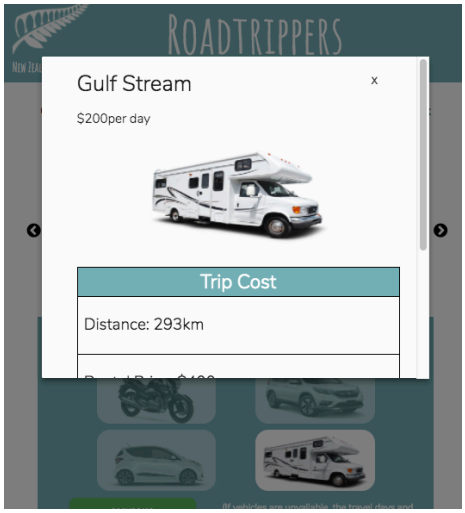
Defined deliverables

- Design for use on a tablet.
- Use a plugin that displays images for the activity locations.
- Use modals to show the vehicle data.

How these were achieved:



The design was made for a tablet



Modals used for the display of vehicle and its data

Slick was used for the display of the images in a carousel

Timeline for deliverables

Deliverable	Deadline	Outcome
Plugin for images	Find plugin 27th Nov Design and implement 6th Dec	Achieved Achieved
Design for tablet	Design and create prototype 29th Nov Implement design with HTML and CSS 6th Dec	Late-1st dec Achieved
Modals for data	Design and implement 10th Dec	Achieved

JavaScript Style Guide

Naming conventions

- All names start with a letter
- camelCase is used for names when required
- Avoid single letter names, be descriptive with naming

Spaces around operators

- Always put spaces around operators and after commas
  e.g. var x = y + z;

Code indentation

- Tabs will be used for indenting

Statement Rules

- Always end a simple statement with a semicolon
  e.g. var values = [1, 2, 4, 6];
- Complex statements do not end with semicolon and closing bracket is on a new line

Objects

- Opening bracket on the same line as object name
- Use quotes around string values
- No comma after the last property
- Closing bracket on a new line
- End object with a semicolon

Strings

- Use single quotes for strings
  e.g. var name = ‘John’

Timeline

Deadline	Result
Research UI and Javascript Libraries 27th Nov	Achieved
Research and create a Js styleguide 27th Nov	Achieved
Research colours and fonts and design concept 28th Nov	Late – 1st December, due to not being able to do anything over that weekend I had to add a few extra days to finish this
Create prototype 29th Nov	Late- 1st December, due to being later on the design research this pushed back the creationg of the protype
Set up documentation Dec 1st	Achieved
Start HTML and CSS Dec 1st	Achieved
Finish HTML and CSS Dec 6th	Achieved
Plan out JS user flows Dec 5th	Early- dec 4th as this was a fairly simple flow I was able to do this while I was writing the HTML
Start writing up Js Dec 6th	Achieved
Finish writing js and debug 12th Dec	Early- 10th Dec
Finish documentation 13th Dec	Early-12th Dec

Analysis of how well adhered to timeline

From the table above you can see that through the majority of the project I was able to stick to the deadlines. The two instances that I was late on the deadline was due to the fact that as a student I also have to work outside of class and so I had work all that weekend and was unable to do anything. This also meant that the next deadline was pushed as well. However I was able to make up time and get back on track.
In the future I would add extra time to allow for things such as work and to still be able to keep to the deadlines.

Production tools

Github
https://github.com/Kelseys1993/foundation-summative

Used to manage and store files throughout production

Sublime text
Sublime text 2 was used as the code editor for the entirety of the project.

Koala
Koala was initially used for the syncing of sass and to check for errors in CSS. When gulp was inputted it was no longer used as gulp had that capability also.

Gulp
Gulp was used to check the javascript code for errors and provided a linting tool. It was effective and also had the added benefit of having a local sever which reloaded the browser on save therefore eliminating the need to refresh the page after every new addition.

Asana
Asana was used to initially set up the main tasks and to set deadlines for when each task was to be finished