



# Roadtrippers, Tourisim New Zealand Write up

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# Library and Plugins

## JavaScript Library

Jquery and Materialize were used as the libraries for this web application. The code was improved with the use of jQuery to use shorthand code for simplify functions and create shorter ways to get to the end. Materialize was used for the development of UI in the forms.

## Plugins

### Slick

<http://kenwheeler.github.io/slick/>

Slick was used for the image slider in the UI. It is simple to implement and design how you want it to look. It added a interactive element to the design and also provided a way for the user to see the activity locations .

### Materialize Modals

<http://materializecss.com/modals.html>

The modals used to display the vehicle and travel data were from materialize javascript. They were easy to input and to design to fit how you need them

## Tooltipster

<http://iamceege.github.io/tooltipster/#options>

Tooltipster was used to add tooltips as part of validation when a user tries to proceed with out inputting data.

# Production Tools and Software

## Tools Used

### 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

# Validation

Each step has validation in place in order to stop the user from proceeding if the data was not first selected.



CHOOSE YOUR STARTING LOCATION


☐ Auckland ☐ New Plymouth

☐ Wellington ☐ Napier

SELECT STARTING LOCATION!

NEXT

When clicked without first selecting a location the button will not proceed.



NUMBER OF PASSENGERS

1 2 3 4 5 6

NUMBER OF DAYS TRAVELING

- 0 +

PREVIOUS NEXT

If both number of passengers and number of days traveling are not selected you are unable to click the next button.

## Validation cont.



Only vehicles that meet the minimum and maximum travel days and passengers are highlighted and able to be selected.

(If vehicles are unavailable, the travel days and passengers selected are not valid for the vehicle)

This explains why some vehicles are not able to be selected.

# User Feedback & Changes

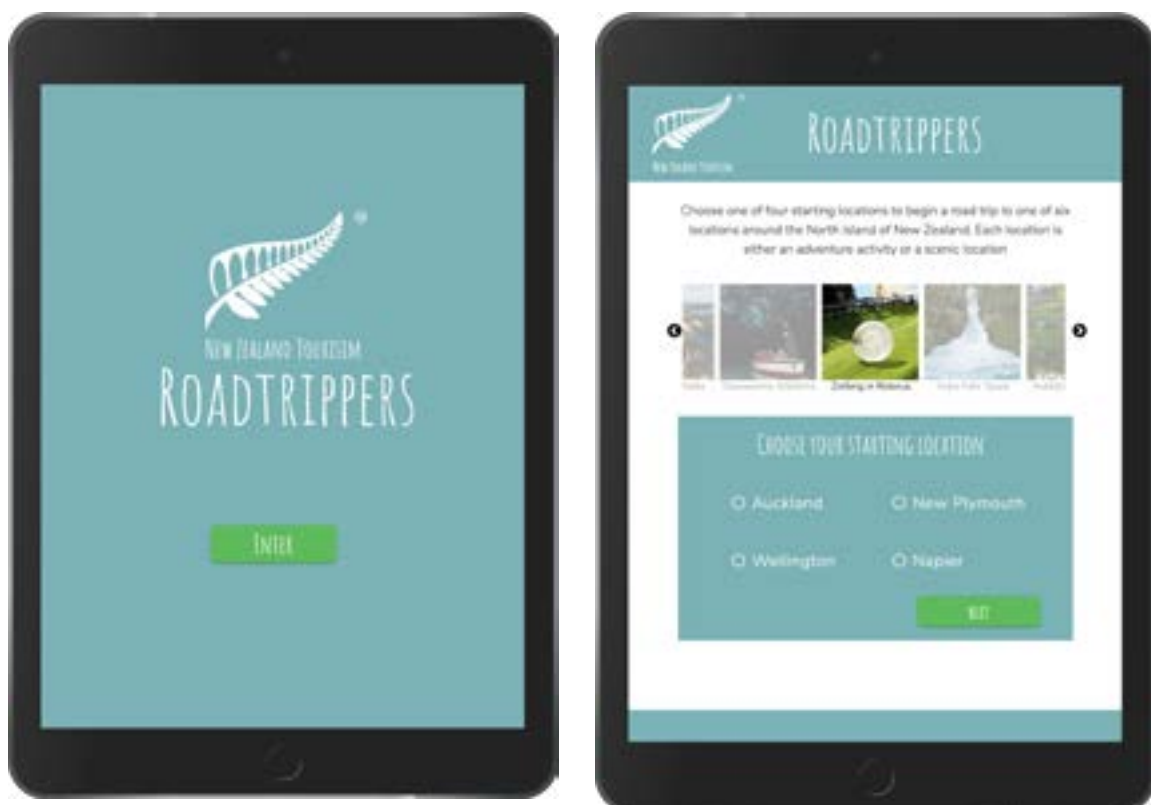
User testing was conducted when website was completed. A few changes from the feedback where implemented into the final site

- Use of a second font to show hierarchy
- Adding a message as to why vehicles were unavailable
- Adding a splash page

## Deadlines

Deadline	Result
Research UI and Javascript Libraries 27 <sup>th</sup> Nov	Achieved
Research and create a Js styleguide 27 <sup>th</sup> Nov	Achieved
Research colours and fonts and design concept 28 <sup>th</sup> Nov	Late – 1 <sup>st</sup> 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 29 <sup>th</sup> Nov	Late- 1 <sup>st</sup> December, due to being later on the design research this pushed back the creationg of the prototype
Set up documentation Dec 1st	Achieved
Start HTML and CSS Dec 1st	Achieved

Plan out JS user flows Dec 5 <sup>th</sup>	Early- dec 4 <sup>th</sup> as this was a fairly simple flow I was able to do this while I was writing the HTML
Start writing up Js Dec 6 <sup>th</sup>	Achieved
Finish writing js and debug 12 <sup>th</sup> Dec	Early- 10 <sup>th</sup> Dec
Finish documentation 13 <sup>th</sup> Dec	Early-12 <sup>th</sup> Dec



<https://kelseys1993.github.io/foundation-summative/>