Web & UX Design

Sam Robertson

Wanaka.nz

Tourism App Development

Planning Schedule

LoFi Prototype

- Initial Prototype layout & function

I used sketch for initial barebone design concepts
and user flow.

Car Rental Calculator

Please fill in the form below &
we will work out your best mode
of transport.

First Name

Last Name

How many travellers?

Days you will be travelling?

Fill in the above info to proceed

1 Days Travel
2 Days Travel
3 Days Travel
4 Days Travel
5 Days Travel
6 Days Travel

1 Person
2 People
3 People
4 People
5 People
6 or more

Car Rental Calculator

Please fill in the form below
& we will work out your best
mode of transport.

John

Doe

2 People

5 Days

NEXT

Car Rental Calculator

Thanks John Doe,

The best modes of travel for
you are listed below. Please
select your preffered vehicle.

Small Car (1 to 2 people)
($645 5 Days - 8.5L/100km)   MORE INFO

Large Car (1 to 5 people)
($720 5 Days 9.7L/100km)   MORE INFO

Motor Home (2 to 6 people)
($1000 5 Days 9.7L/100km)   MORE INFO

NEXT

Travel Calculator

Thanks John Doe,

The best modes of travel for
you are listed below. Please
select your preffered vehicle.

Small Car (1 to 2 people)
($128/day 8.5L/100km)   MORE INFO

Large Car (1 to 5 people)
($144/day 9.7L/100km)   MORE INFO

Motor Home (2 to 6 people)
($144/day 9.7L/100km)   MORE INFO

NEXT

Car Rental Calculator

Vehicle Options

2006 - 2012 models
Auto, 1.5 - 1.6 litre
5 x seatbelts
2 large, 3 small bags

2009 - 2013 models
Auto, 1.4 litre
5 x seatbelts
2 large, 1 small bags

2008 - 2014 models
Auto, 1.2 - 1.4 litre
5 x seatbelts
1 large, 1 small bag

NEXT

Car Rental Calculator
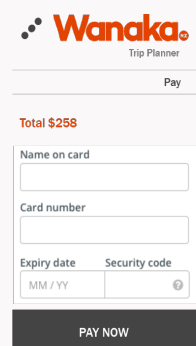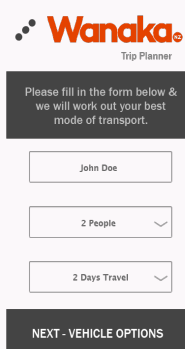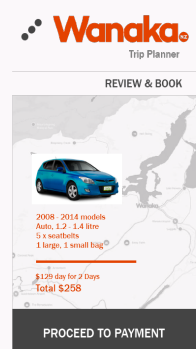
Estimated Distance (optional)

NEXT

Final Prototype

- Final Prototype layout & function

I used sketch for the final prototype & user testing.
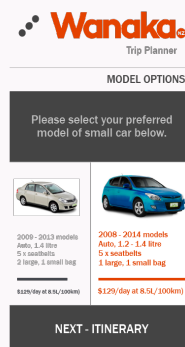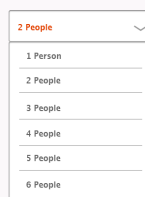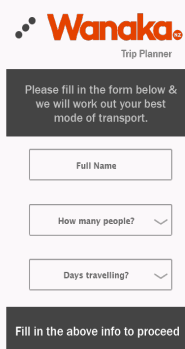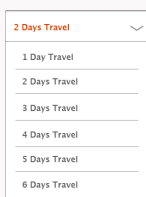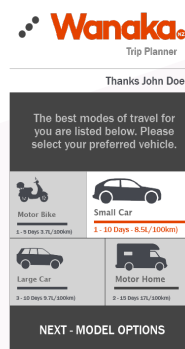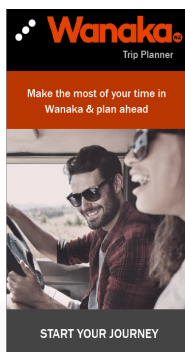
Design Tools

- Sketch
I used sketch for loFi & hiFi design concepts along with prototyping and style changes.

- Adobe Illustrator
Illustrator was mainly used for vector graphics (icons & buttons) in svg or png format.

- Adobe Photoshop
Photoshop was mainly used for manipulating photo images (background image)

Development Tools

- Vs Code
I used Vs Code extensively throughout the project. Mainly for HTML/CSS & Javascript code. I also used it to manage the github branch.

- Google Chrome
I used google chrome to test visually & debug css/html & js code through console & source panels.

- Trello
Trello was used for deadlines & task scheduling, aswell as bug testing & documenting.

JavaScript Library
- Jquery

3rd Party Js Plugins

- Credit Card JS Form
- Leaflet Map
- Leaflet Measure Path
- Light Pick Date Picker

Validation
- HTML

Nu Html Checker

This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change

Showing results for contents of text-input area

Checker Input

Show ☑ source ☐ outline ☐ image report [Options...]

Check by [text input ▼] ☐ CSS

```
    <!-- js scripts -->
    <script src="js/script.js"></script>    <!-- main script for navigation and layout purposes -->
    <script src="js/tripCalculator.js"></script>    <!-- trip calculator script (days,people,fuel consumption,pricing etc) -->
    <script src="js/map.js"></script>    <!-- map js for plotting trip script  -->


    <!-- google cdn scripts -->
    <script src="https://maps.googleapis.com/maps/api/js?key=AIzaSyDknEtmtQzCjjFGOAJiHVFKcBegAsU8UKc&callback=initMap" async defer></script>    <!-- google map cdn for map distances etc -->
    <!-- <script src="http://ajax.aspnetcdn.com/ajax/jquery.validate/1.14.0/jquery.validate.js"></script>
        <script src="jquery.mask.js"></script> -->

</body>

</html>
```

[Check]

Use the Message Filtering button below to hide/show particular messages, and to see total counts of errors and warnings.

[Message Filtering]

Document checking completed. No errors or warnings to show.

Source

```
 1.  <!DOCTYPE html>↵
 2.  <html lang="en">↵
 3.  ↵
 4.  <head>↵
 5.      <meta charset="UTF-8">↵
 6.      <meta name="viewport" content="width=device-width, initial-scale=1">↵
 7.      <link href="https://fonts.googleapis.com/css?family=Heebo:100,300,400,500,700,800,900&display=swap" rel="stylesheet">↵
 8.      <link rel="stylesheet" href="http://yui.yahooapis.com/pure/0.6.0/pure-min.css">↵
 9.      <link rel="stylesheet" href="https://unpkg.com/leaflet@1.3.3/dist/leaflet.css" />↵
10.      <link rel="stylesheet" href="styles/styles.css">↵
11.      <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.8.2/css/all.css" integrity="sha384-oS3vJWv+0UjzBfQzYUhtDYW+Pj2yciDJxpsKlOYPAYjqT085
12.      <title>Wanaka Trip Planner</title>↵
13.  </head>↵
14.  ↵
15.  <body>↵
16.  ↵
```

📄 Showing result....htm ∧   📄 6f376f1d9e.png   ∧

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Validation
- JS /Jquery

$ Part of Jquery library

Final Product

The Wanaka Trip Adviser app uses a slide down wizard section with multiple layers. Guiding you through the process to finding the most cost effective vehicle for you. I manipulated the DOM using jquery to both for the transitions and calculator.

http://sam.robertson.yoobee.net.nz/Wanaka%20Tourism%20Trip%20Adviser%20App/index.html