



## FORMATIVE 2.2

START DATE: 24.10.18 - FINISH DATE: 13.11.18

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# **1. PROJECT PLAN**

## BRIEF - GROUP 1 (COFFEE SHOPS)

A family has moved to Wellington, NZ and is in search of good coffee shops in the city. Your design must enable the user to view a list of coffee shops in and around Wellington. Provide filters to choose by area, choice of coffee, brand etc. For each coffee shop, show details of shop and their make/products.

## TRELLO

We used Trello to show and track the deadlines for each activity. Each activity was assigned to a team member(s) to carry out and check off once complete.

[Link: https://preview.uxpin.com/56ef5ebdad78e5012045cc1e374408835b4d1ab](https://preview.uxpin.com/56ef5ebdad78e5012045cc1e374408835b4d1ab)

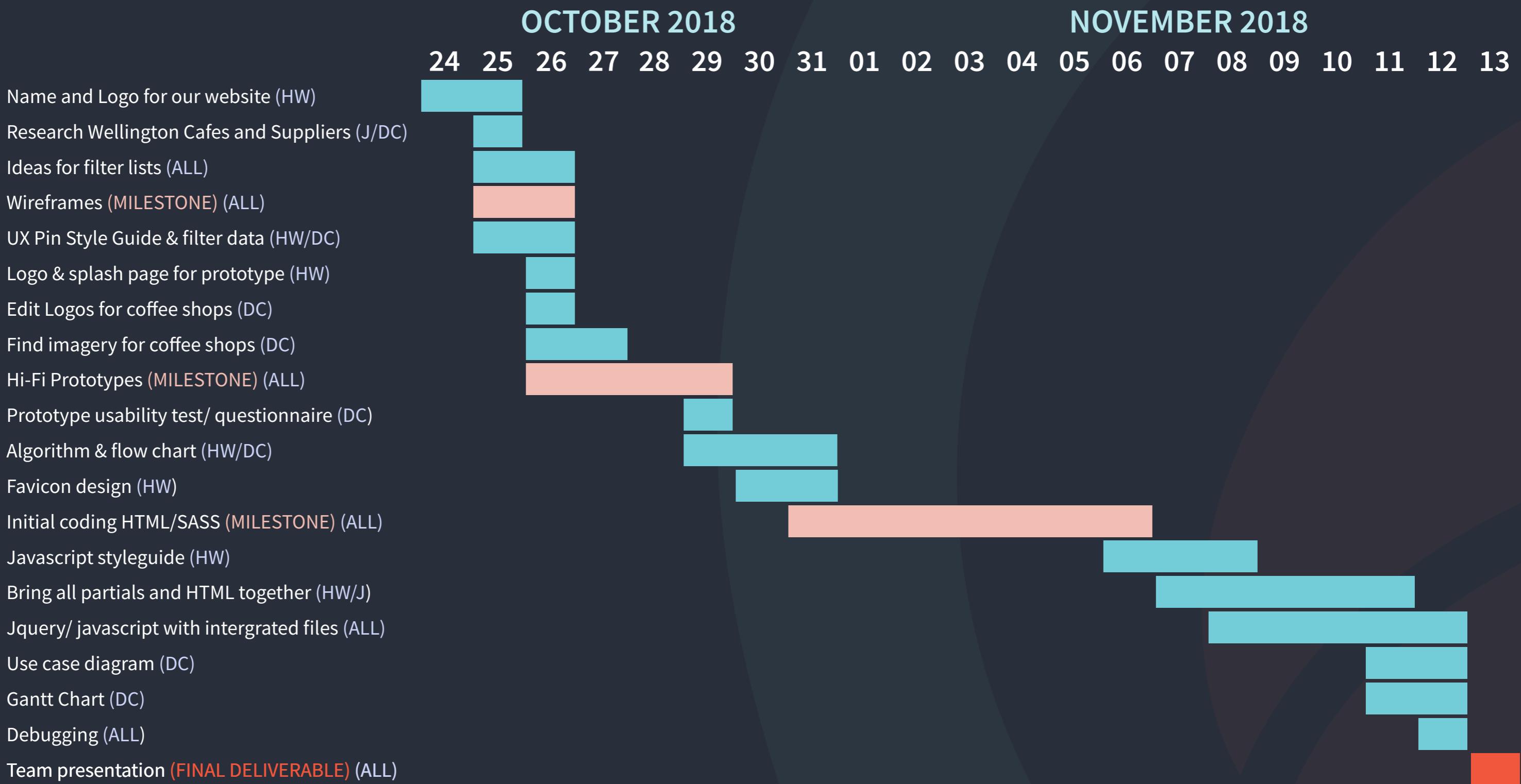
1. PROJECT PLAN



## **2. GANTT CHART**

# COFFEE FINDER

## GANTT CHART



**HW: Hannah J: Joon DC: Daniel**

### **3. DESIGN STYLE GUIDE**

## STYLE TILES



#73CDD9

#F0573D

#30364C

#292F3A

**SOURCE SANS PRO BLACK**  
SOURCE SANS PRO REGULAR

SOURCE SANS PRO SEMIBOLD  
SOURCE SANS PRO LIGHT

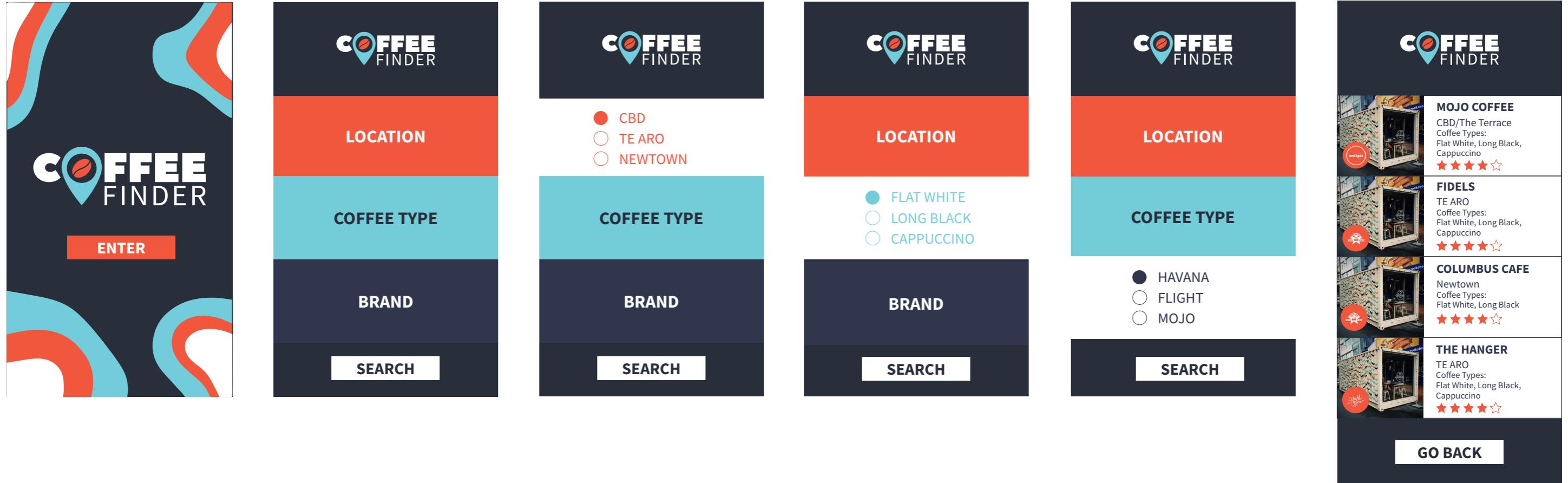


3. DESIGN STYLE GUIDE



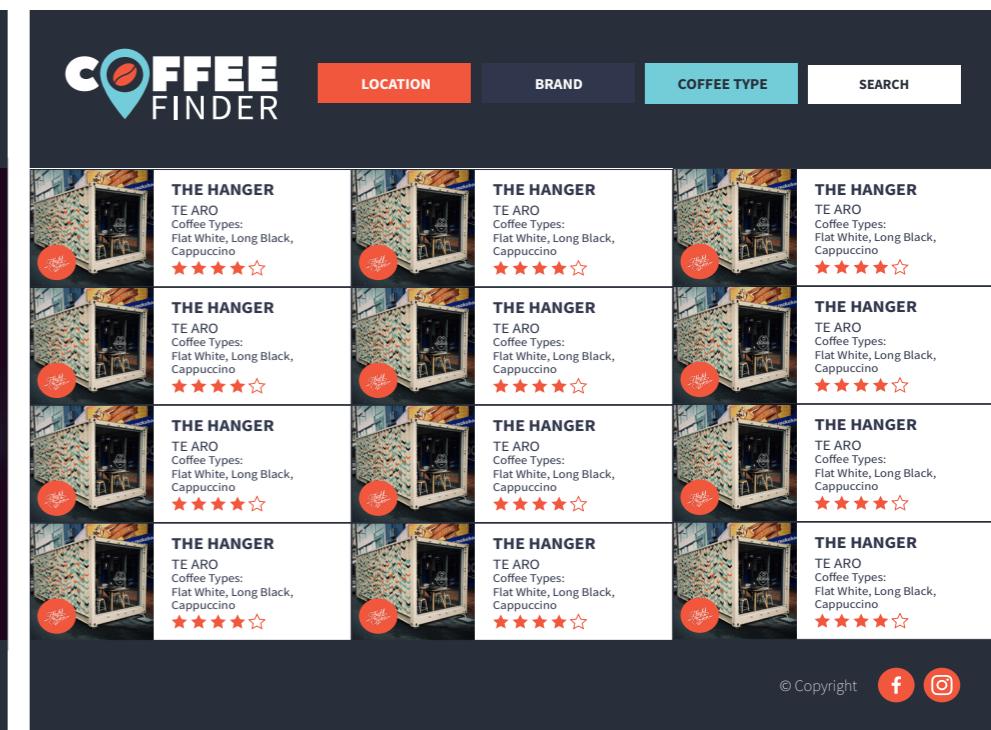
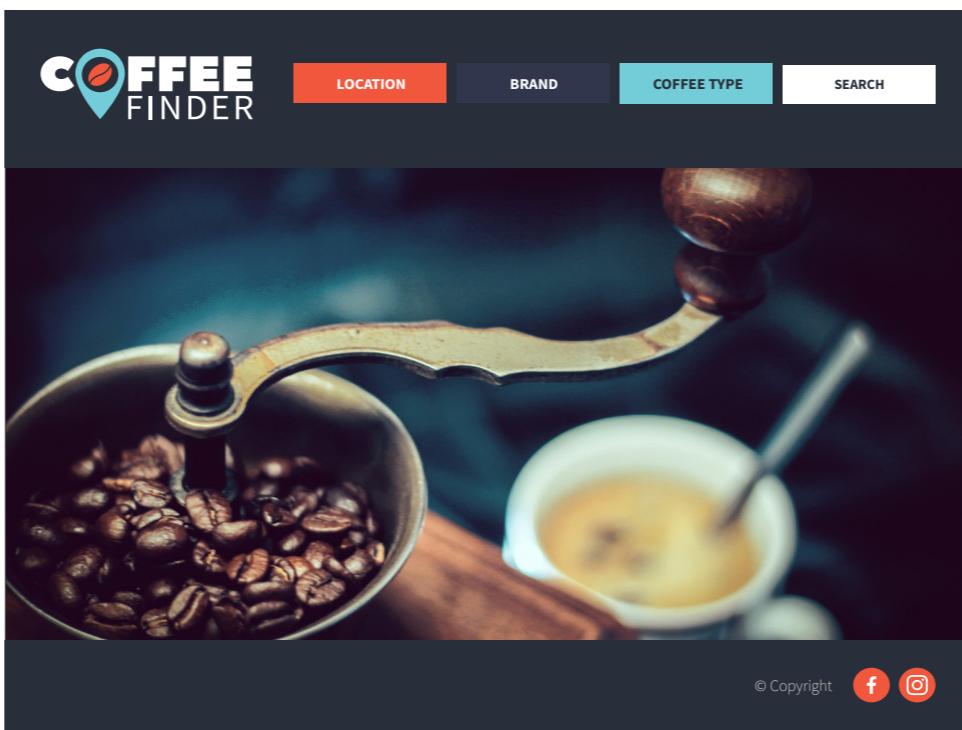
## UXPIN STYLE GUIDE

We created mock-ups to help us think about the interactions/functions that we will use in UXpin, JQuery and Javascript. We have only created two mock-ups (mobile and desktop) as the mobile mock-up will be used for the portrait tablet and desktop will be used for the landscape tablet.



## 3. DESIGN STYLE GUIDE

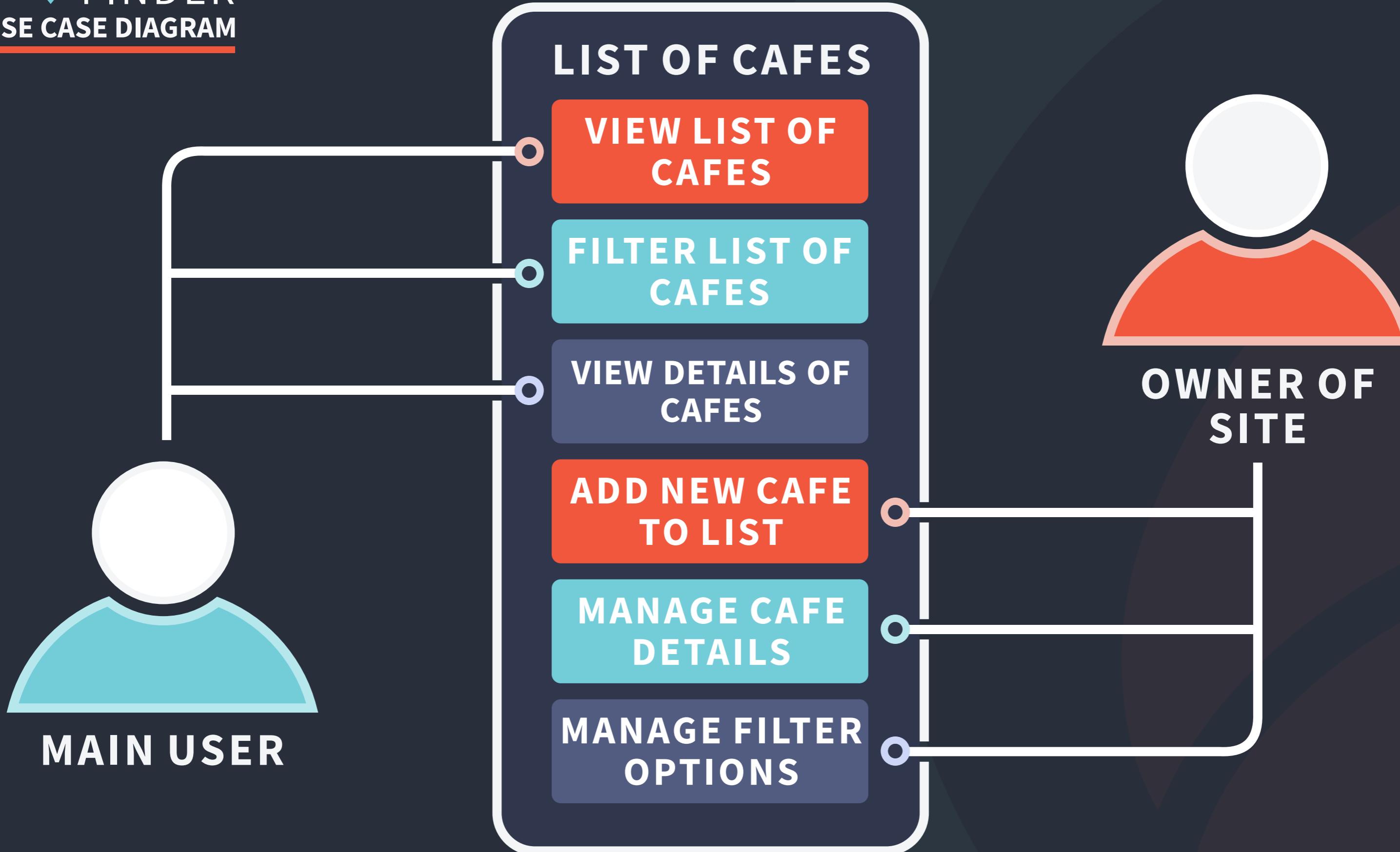




### 3. DESIGN STYLE GUIDE



## 4. USE CASE DIAGRAM



## 5. UXPIN PROTOTYPES

## DESKTOP PROTOTYPE

**Link:** <https://preview.uxpin.com/caf3ef0aaa948cbc38358e6f3ad61dc0679b2274>

## TABLET PROTOTYPE

**Link:** <https://preview.uxpin.com/ebe69f31b159e2ea1203034048c4f4633def1ee7#/pages//simulate/no-panels?mode=i>

## MOBILE PROTOTYPE

**Link:** <https://preview.uxpin.com/56ef5ebdadcd78e5012045cc1e374408835b4d1ab>



## **6. CSS METHODOLOGY**

## PARTIALS AND BEM CLASS NAMES

### PARTIAL \_variables

#### COLORS

```
$dark-blue: #292F3A;  
$blue: #30364C;  
$teal: #73CDD9;  
$red-orange: #F0573D;
```

#### FONTS

```
$font: 'Source Sans Pro', sans-serif;
```

### PARTIAL \_landing

#### BEM CLASS NAMES

```
.landing {  
}  
.landing__image {  
}  
.landing__logo {  
}  
.landing__button {  
}
```

### PARTIAL \_dashboard

#### BEM CLASS NAMES

```
.dashboard {  
}  
.dashboard__image {  
}  
.dashboard__welcome {  
}  
.dashboard__para {
```

### PARTIAL \_footer

#### BEM CLASS NAMES

```
.footer {  
}  
.footer__socialicons {  
}  
.footer__copyright {  
}  
.footer__para {  
}  
.social-network {  
}  
.social-circle {
```

### PARTIAL \_results

#### BEM CLASS NAMES

```
.my__col {  
}  
.results__image {  
}  
.results__description {  
}  
.col {  
}  
.no-gutter{  
}  
.coffeeshop {  
}  
.results__cafe {  
}  
.results__location {  
}  
.results__coffeetype {  
}  
.checked {  
}  
.unchecked {  
}  
.no-padding {
```

### PARTIAL \_modal

#### BEM CLASS NAMES

```
.modal_info {  
}  
.modal__logo {  
}  
.modal__name {  
}  
.modal__address {  
}  
.modal__text {  
}  
.modal__phone {  
}  
.modal__url {  
}  
.modal__icons {
```



## COFFEE SHOPS (ID's AND CLASSES)

### Arabica Cafe

```
.cbd lBlack cappuccino flight {  
}  
#arabica {  
}
```

### Aro Cafe

```
.teAro fWhite cappuccino havana {  
}  
#aro {  
}
```

### Caffe Astoria

```
.cbd fWhite lBlack havana {  
}  
#astoria {  
}
```

### Black Coffee Cafe

```
.newtown fWhite lBlack cappuccino havana {  
}  
#blackCoffee {  
}
```

### Columbus Cafe

```
.newtown fWhite lBlack havana {  
}  
#columbus {  
}
```

### Cafe Panama

```
.teAro fWhite lBlack cappuccino flight {  
}  
#panama {  
}
```

### Fidels

```
.teAro fWhite lBlack cappuccino havana {  
}  
#fidels {  
}
```

### Mojo Coffee (Lambton Quay)

```
.cbd fWhite lBlack cappuccino mojo {  
}  
#mojoLambton {  
}
```

### Mojo Coffee (Terrace)

```
.cbd fWhite lBlack cappuccino mojo {  
}  
#mojoTerrace {  
}
```

### Mojo Coffee (Waterfront)

```
.cbd lBlack cappuccino mojo {  
}  
#mojoWaterfront {  
}
```

### Salvation

```
.newtown fWhite lBlack cappuccino flight {  
}  
#salvation {  
}
```

### The Hanger

```
.teAro fWhite lBlack cappuccino flight {  
}  
#theHanger {  
}
```



## 7. ALGORITHM



**step 1:** user presses enter on landing page and enters into search page.

**step 2:** user chooses a filter to sort through 12 x Wellington cafes.

**step 3:** if user chooses **location** with the **CBD** filter then only the cafes located in the **CBD** will be displayed , proceed to **step 14**.

**step 4:** if **CBD** filter is not chosen and the **Te Aro** filter is chosen then only display cafes located in **Te Aro**, proceed to **step 14**.

**step 5:** if neither **CBD** or **Te Aro** are chosen as filters then display cafes only located in **Newtown**, proceed to **step 14**.

**step 6:** if user didn't choose **location** but **coffee type** instead start the **coffee type** filtering process, proceed to **step 14**.

**step 7:** if user chooses **coffee type** with the **flat white** filter then only the cafes that sell **flat whites** will be displayed, proceed to **step 14**.

**step 8:** if **flat white** filter is not chosen and the **long black** filter is chosen then only display cafes that sell **long blacks**, proceed to **step 14**.

**step 9:** if neither **flat white** or **long black** are chosen as filters then display only cafes that sell **cappuccino**, proceed to **step 14**.

**step 10:** if user chose neither **location** or **coffee type** instead start the **coffee brand** filtering process, proceed to **step 14**.

**step 11:** if user chooses **coffee brand** with the **Havana** filter then only the cafes that sell **Havana** branded coffee will be displayed, proceed to **step 14**.

**step 12:** if **Havana** branded filter is not chosen and the **Mojo** branded filter is chosen then only display cafes that sell **Mojo** branded coffee, proceed to **step 14**.

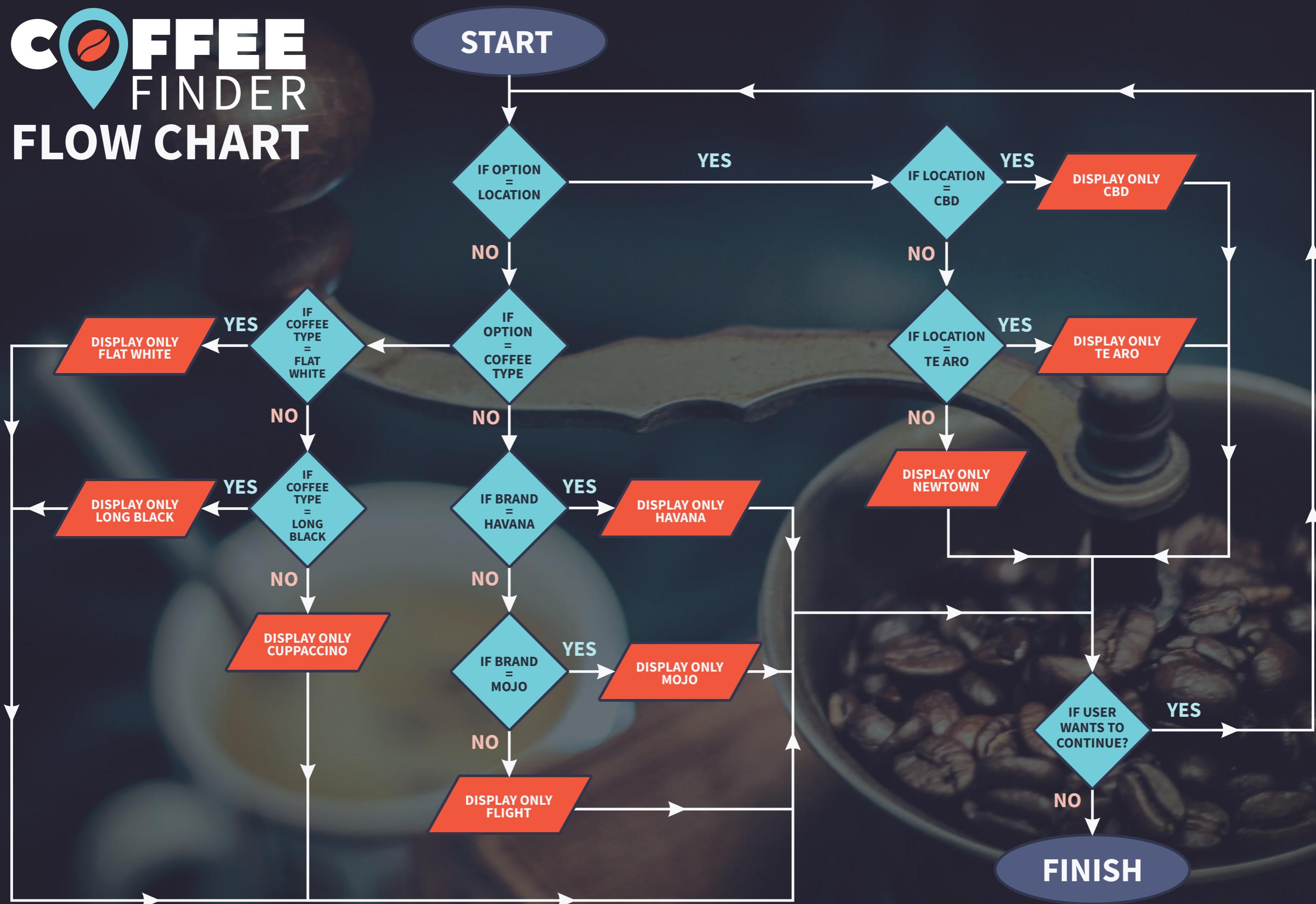
**step 13:** if neither **Havana** or **Mojo** branded coffee are chosen as filters then display only cafes that sell **Flight** branded coffee.

**step 14:** if user wishes to **continue** and start a new filtering process start again from **step 2**.

**step 15:** finish filtering process.

## 8. FLOWCHART

# COFFEE FINDER FLOW CHART



## 9. JAVASCRIPT STYLE GUIDE

## VARIABLES

- Use camelCase for identifier names (variables and functions).
- All names start with a letter.

### Example:

```
firstName = "Name";
```

## SPACE AND OPERATORS

- Always put spaces around operators (= + - \* / , and after commas).

### Examples:

```
a = b + c ; ( a > b ) && ( a > c ) ;  
var values = [ "John" , "Sam" , "Sarah" ];
```

## CODE INDENTATION

- Always use 2 spaces for indentation of code blocks.  
(NOTE: Do not use tabs for indentation. Different editors interpret tabs differently).

### Example:

```
function sayHelloName() {  
    document.write ( 'Hello Name' );  
}
```

## FILE NAMES

- Use lower case file names.



## STATEMENT RULES (SIMPLE)

- Always end a simple statement with a semicolon.

### Example:

```
var values = {  
    firstName: "John",  
    lastName: "Smith",  
};
```

## GENERAL RULES FOR COMPLEX (COMPOUND) STATEMENTS

- Put the opening curly braces at the end of the first line.
- Use one space before the opening bracket.
- Put the closing bracket on a new line, without leading spaces.
- Do not end a complex statement with a semicolon.

### Conditional example:

```
if ( name = John ) {  
    document.write ( "Welcome back John" );  
} else {  
    document.write ( "Please enter your correct name." );  
}
```

### Function example:

```
function sayHelloName() {  
    document.write ( "Hello Name" );  
}
```

### Loops example:

```
for (i = 0; i < 5; i++) {  
    x = i;  
}
```



## OBJECT RULES (SIMPLE)

- Short objects can be written compressed, on one line, using spaces only between properties separated by commas.

### Example:

```
var person = {  
    firstName: "John" ,  
    lastName: "Smith" ,  
};
```

## GENERAL RULES FOR OBJECT DEFINITION

- Place the opening bracket on the same line as the object name.
- Use colon plus one space between each property and its value.
- Use quotes around string values, not around numeric values.
- Do not add a comma after the last property-value pair.
- Place the closing bracket on a new line, without leading spaces.
- Always end an object definition with a semicolon.
- When many properties are involved, span across multiple lines with one property-value pair on each line followed by a comma.

### Example:

```
var person = {  
    firstName: "John" ,  
    lastName: "Smith" ,  
    age: 50 ,  
    eyeColor: "blue"  
};
```

**Short objects can be written compressed, on one line, using spaces only between properties, like this example:**

```
var person = {firstName: "John" ,lastName: "Smith" ,age: 50 ,eyeColor: "blue" };
```



## LINE LENGTH

- For readability, avoid lines longer than 80 characters.
- If a Javascript statement does not fit on one line, the best place to break it, is after an operator or a comma.

### Example:

```
var person = {  
    firstName: "John" ,  
    age: 48 ,  
    phoneNumber: 021 234 567,  
    gender: "male"  
};
```

## NAMING CONVENTIONS

- Variable and function names are written in camelCase.
- Do not use hyphens as they can be mistaken for subtracting attempts.
- Do not start names with a \$sign as it conflicts with many Javascript library names.

### Example:

```
var person = {  
    firstName: "John" ,  
    lastName: "Smith" ,  
    age: 50 ,  
    eyeColor: "blue"  
};
```

## LOADING JAVASCRIPT IN HTML

- Use simple syntax for loading external scripts (the type attribute is not necessary).

### Example (including folder path):

```
<script src="js/script.js"></script>
```

### 9. JAVASCRIPT STYLE GUIDE



## COMMENTS

- Use // for single line comments.
- Use /\* for multiple line comments.

## DECLARATION

- Declare all variables, arrays and objects in the beginning of statement blocks.
- Initialize in the beginning to avoid errors.
- Declare loop variables before the use in loops for faster loading effects.

**Example:**

```
var person = {  
    firstName: "John" ,  
    lastName : "Smith" ,  
    id: 55555 ,  
    fullName : function() {  
        return this.firstName + " " + this.lastName;  
    }  
};
```

## QUOTES

- Use double quotes for string values

**Example:**

```
var person = {  
    firstName: "John" ,  
}
```

- Use single quotes for apostrophes .

**Example:**

```
var person = {  
    firstName: "James'" ,  
}
```



## **10. TESTING SCREENSHOTS**

## CHROME

- Filtering works great in this browser. Design also works well.

The screenshot shows the Coffee Finder website in a dark-themed browser. At the top, there's a navigation bar with 'LOCATION', 'COFFEE TYPE', and 'BRAND' dropdown menus. Below the header, there are four cards representing different coffee shops:

- Arabica Cafe**: CBD. Coffee types: Long Black, Cappuccino. Rating: ★★★★☆.
- Caffe Astoria**: CBD. Coffee types: Flat White, Long Black. Rating: ★★★★☆.
- Mojo Coffee**: CBD/The Tce. Coffee types: Flat White, Long Black, Cappuccino. Rating: ★★★★☆.
- Mojo Coffee**: CBD/Waterfront. Coffee types: Long Black, Cappuccino. Rating: ★★★★☆.

At the bottom of the page, there's a dark footer with copyright information and social media links for Facebook and Instagram.

### RESPONSIVE

- Location > CBD filtering

This screenshot shows the same website in Chrome after applying a filter for 'CBD'. The navigation bar now highlights 'CBD' under the 'LOCATION' menu. The main content area displays the same four coffee shop cards as the first screenshot, but they are now filtered to show only CBD locations.

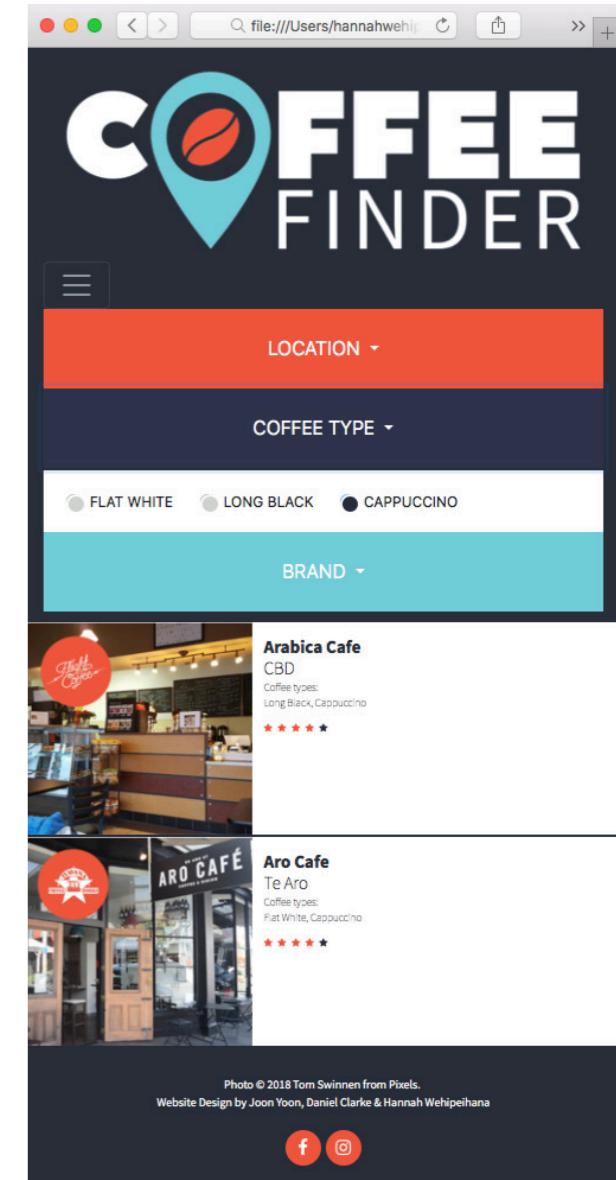
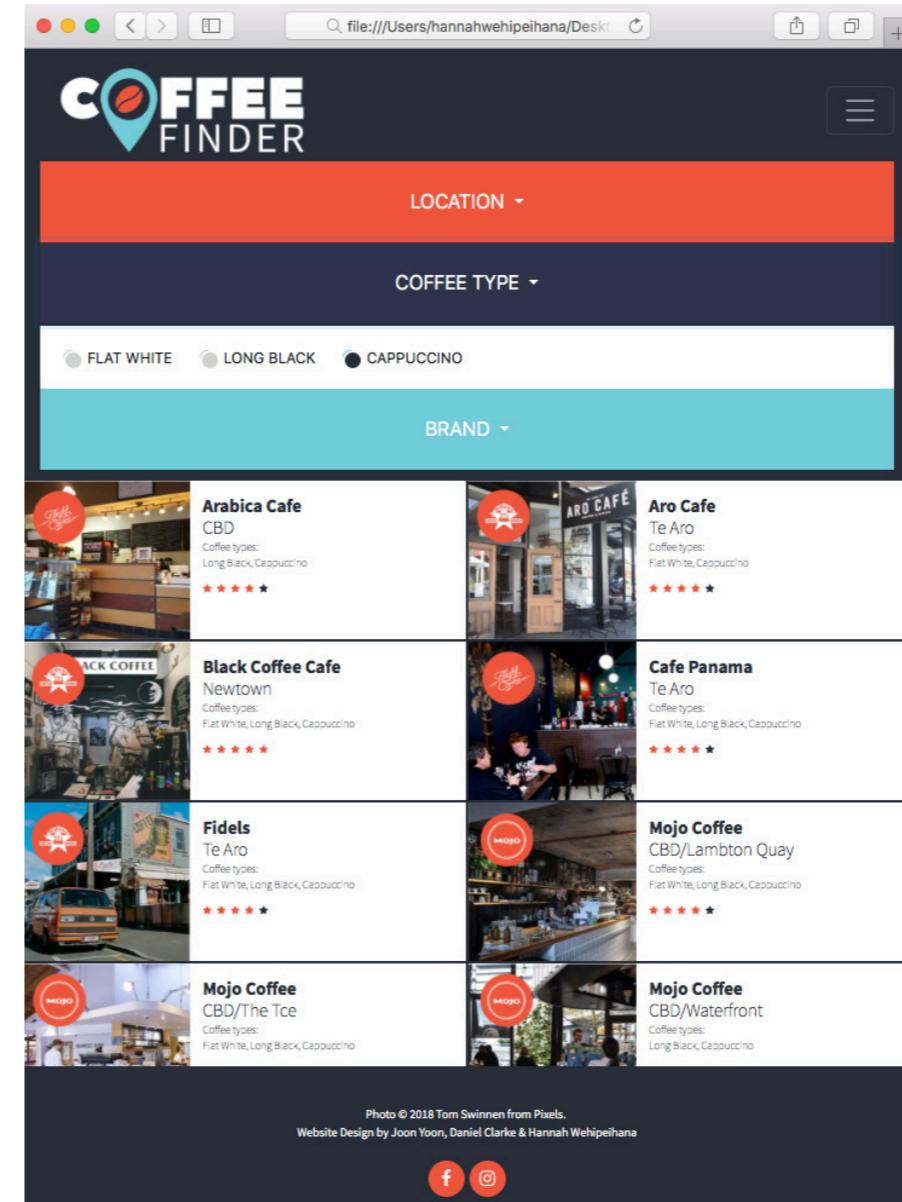
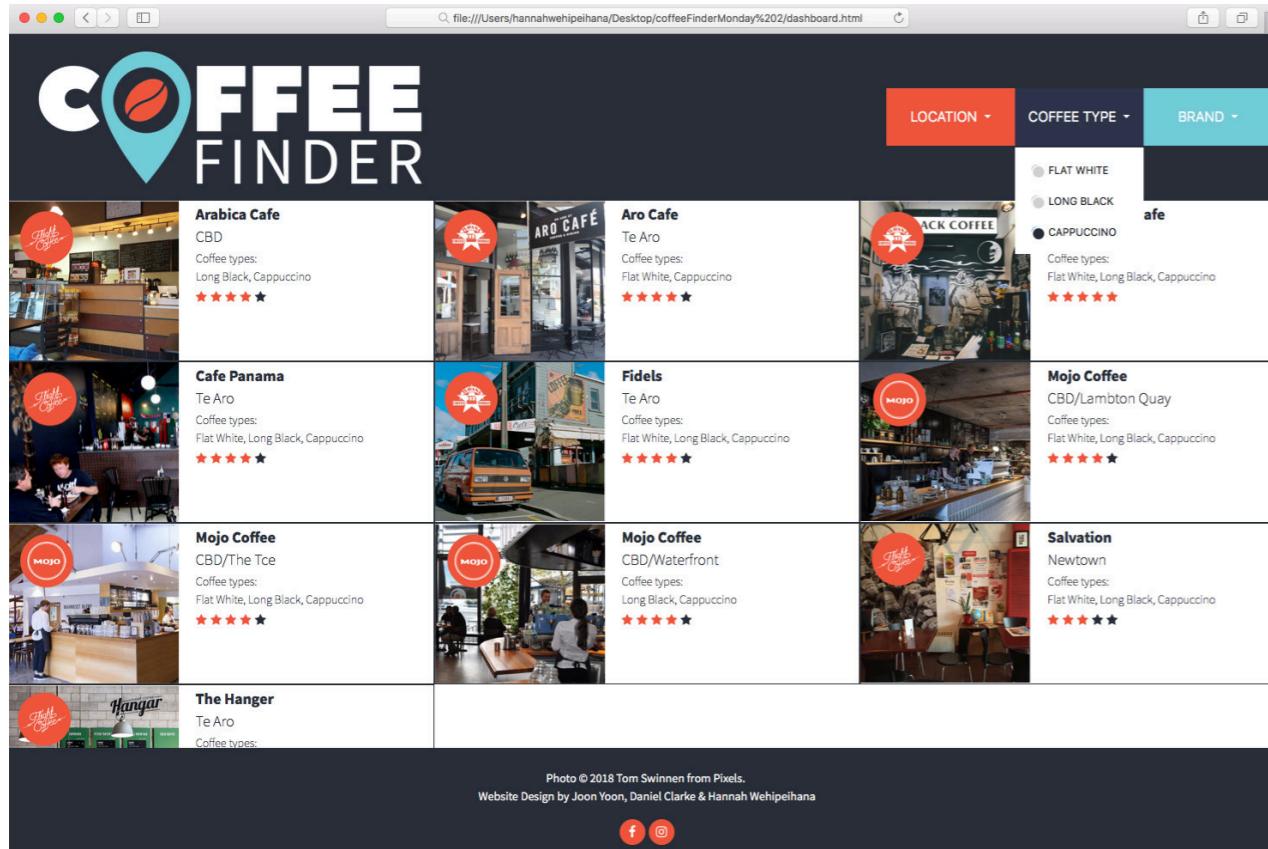
This screenshot shows the website in Chrome after applying a filter for 'CBD'. The navigation bar highlights 'CBD' under 'LOCATION'. The main content area displays the same four coffee shop cards, but they are now filtered to show only CBD locations. The cards are identical to the ones in the previous screenshots.

## 10. TESTING SCREENSHOTS



## SAFARI

- Filtering works great in this browser. Changes to design will have to be implemented in phase two of development. Fixes include radio buttons and font weights. Load time is a little slow when live site is tested on iPhone 6 (Sarafi is the default browser).



## RESPONSIVE

- Coffee Type > Cappuccino filtering

10. TESTING SCREENSHOTS



## INTERNET EXPLORER

- Filtering works great in this browser. Changes to design will have to be implemented in phase two of development. Fixes include radio buttons.

The screenshot shows the 'coffeeFinderMonday/dashboard.html' page in Internet Explorer. The interface includes a header with a search bar and navigation links for Ask.com, Internet Explorer Welcome, and Coffee Finder. Below the header is a main content area featuring a large logo for 'COFFEE FINDER' with a coffee bean icon inside a teal location pin. The content area displays four coffee shop cards:

- Aro Cafe** (Te Aro): Coffee types: Flat White, Cappuccino. Rating: ★★★★☆
- Cafe Panama** (Te Aro): Coffee types: Flat White, Long Black, Cappuccino. Rating: ★★★★☆
- Te Aro**: Coffee types: Flat White, Long Black, Cappuccino. Rating: ★★★★☆
- The Hanger**: Coffee types: Flat White, Long Black, Cappuccino. Rating: ★★★★☆

On the right side of the content area, there are three filter buttons: 'LOCATION' (with options CBD, TE ARO, NEWTOWN), 'COFFEE TYPE', and 'BRAND'. The 'TE ARO' option is selected under LOCATION. The bottom of the page contains copyright information and social media links (Facebook, Instagram). The status bar at the bottom shows system icons and the date/time (10:10 PM, 11/12/2018).

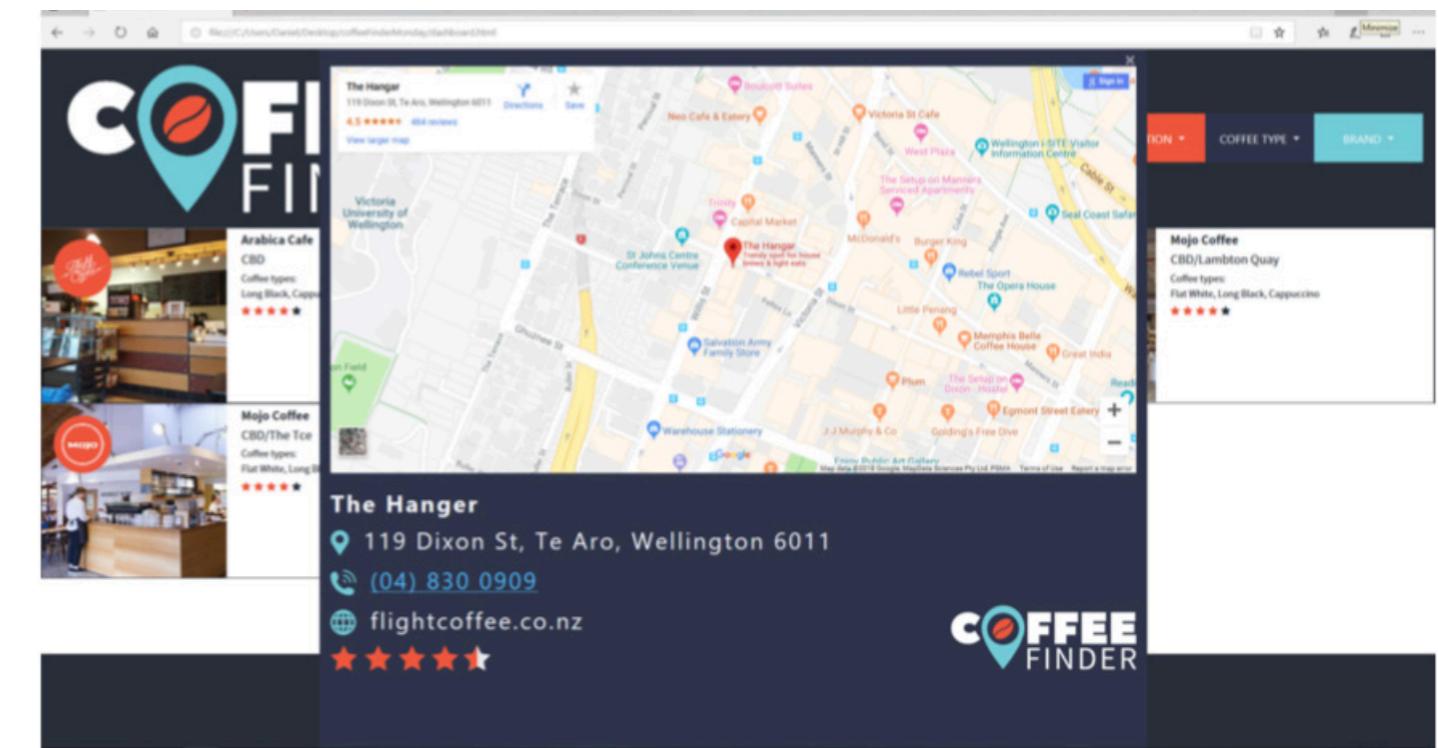
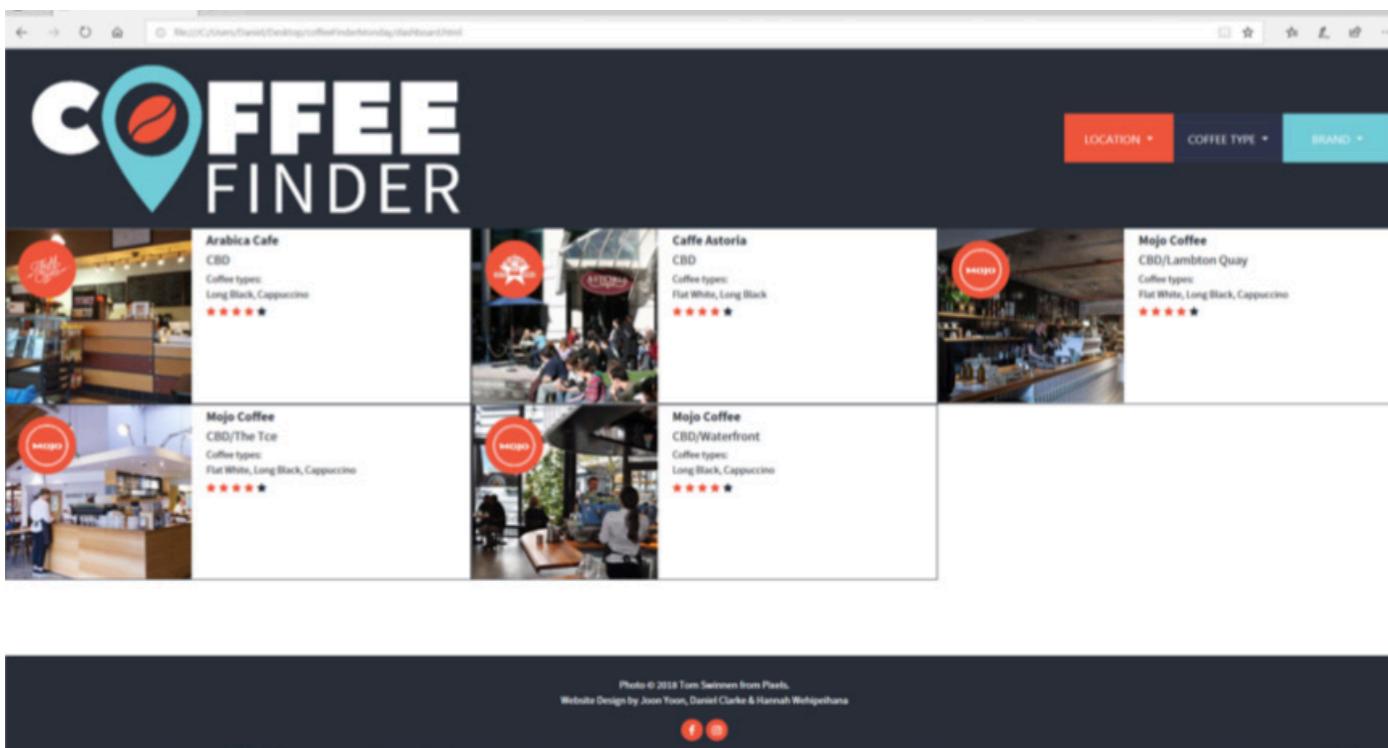
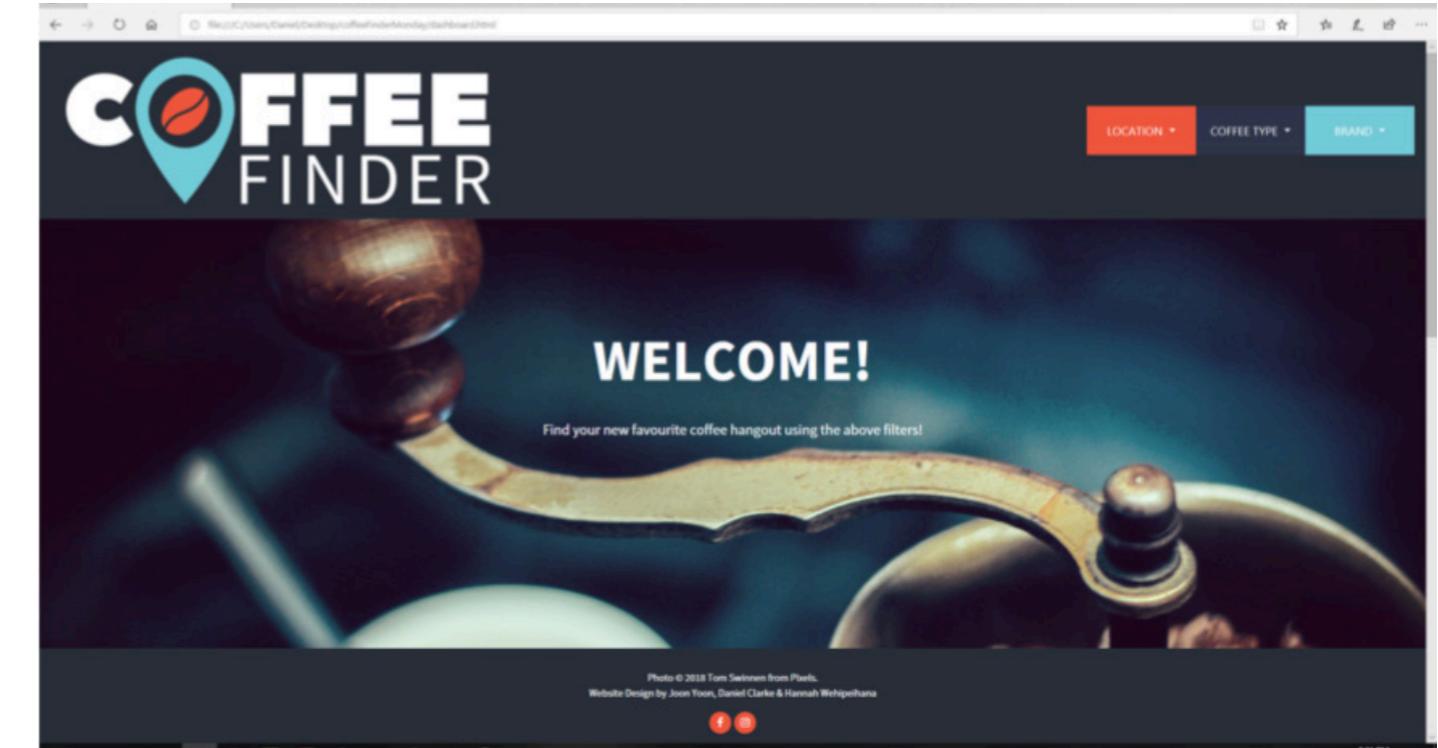
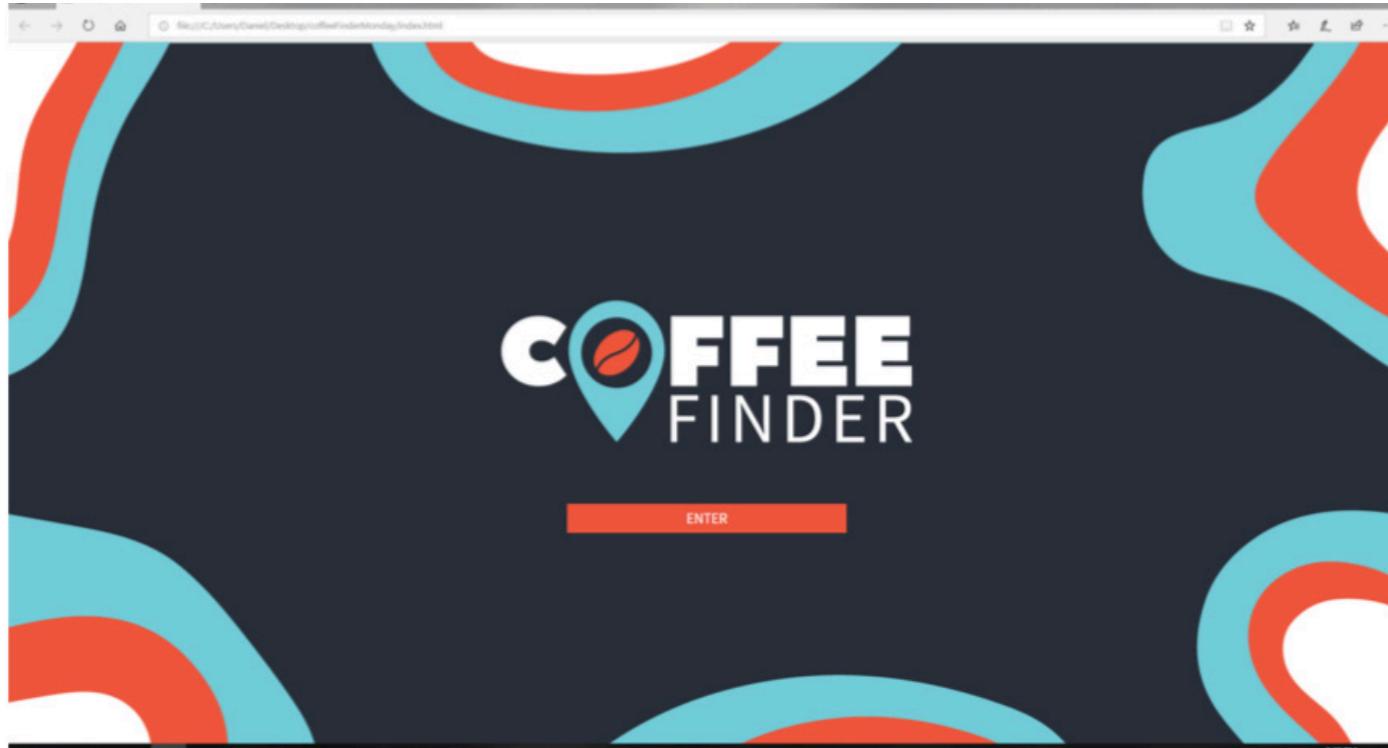
### DESKTOP ONLY

- Location > Te Aro filtering



## MICROSOFT EDGE BROWSER (upgrade from Internet Explorer)

- Testing to see how each page looks on desktop. Design, filters and modal all work accordingly. Radio button colour needs to be fixed in phase two.



### DESKTOP ONLY

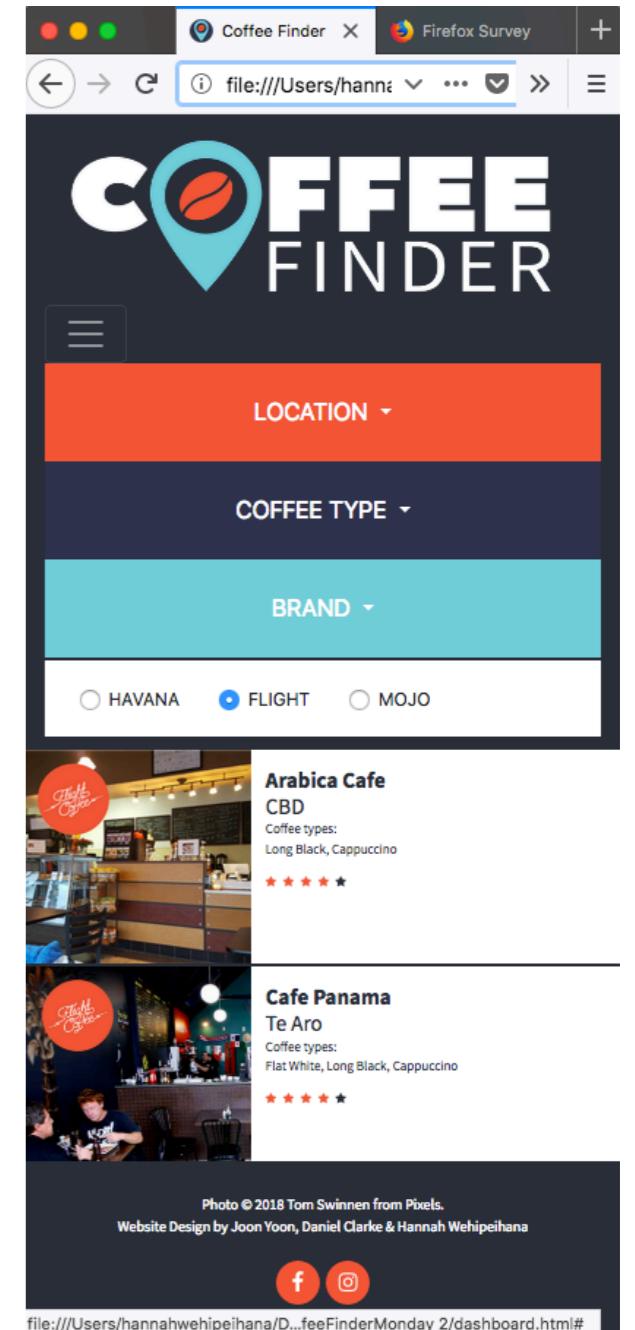
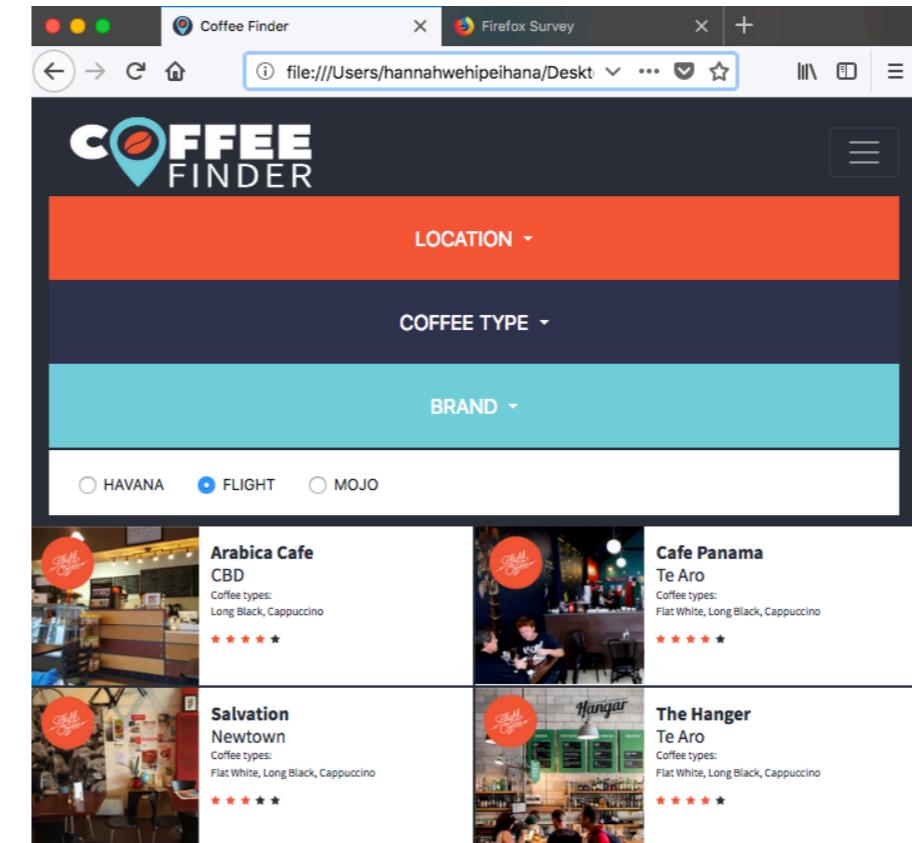
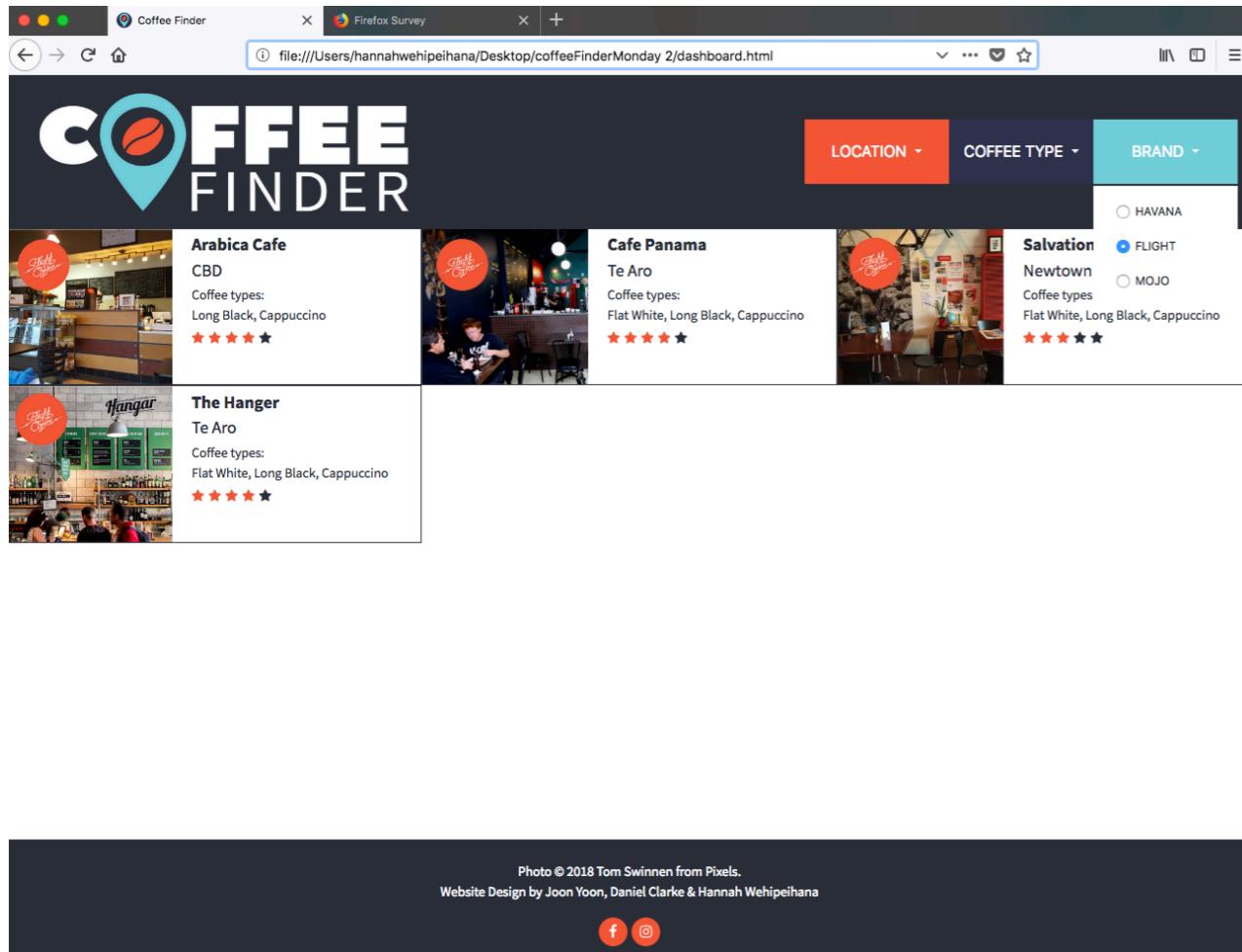
- On click > Show modal

### 10. TESTING SCREENSHOTS



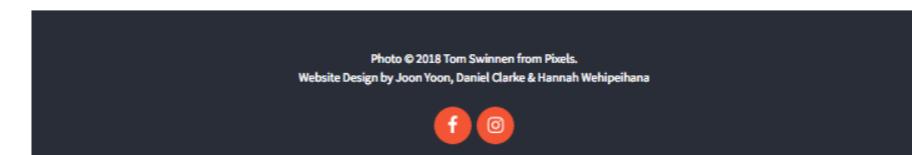
## FIREFOX

- Filtering works great in this browser. Changes to design will have to be implemented in phase two of development. Fixes include radio buttons and the header (logo is stretched).



## RESPONSIVE

- Brand > Flight filtering



## 10. TESTING SCREENSHOTS

