

An aerial photograph of a vast, rolling landscape in New Zealand. The terrain is covered in vibrant green grass, with numerous small, irregular patches of brown earth, likely from recent agricultural activity or natural erosion. Darker green areas, possibly dense forest or shrubland, are scattered throughout the landscape, particularly in the lower right and along some of the ridges. The hills are undulating, creating a sense of depth and movement. In the far distance, more hills are visible under a hazy sky.

New Zealand Accommodation (NZA)

By lexi-jayy critchley

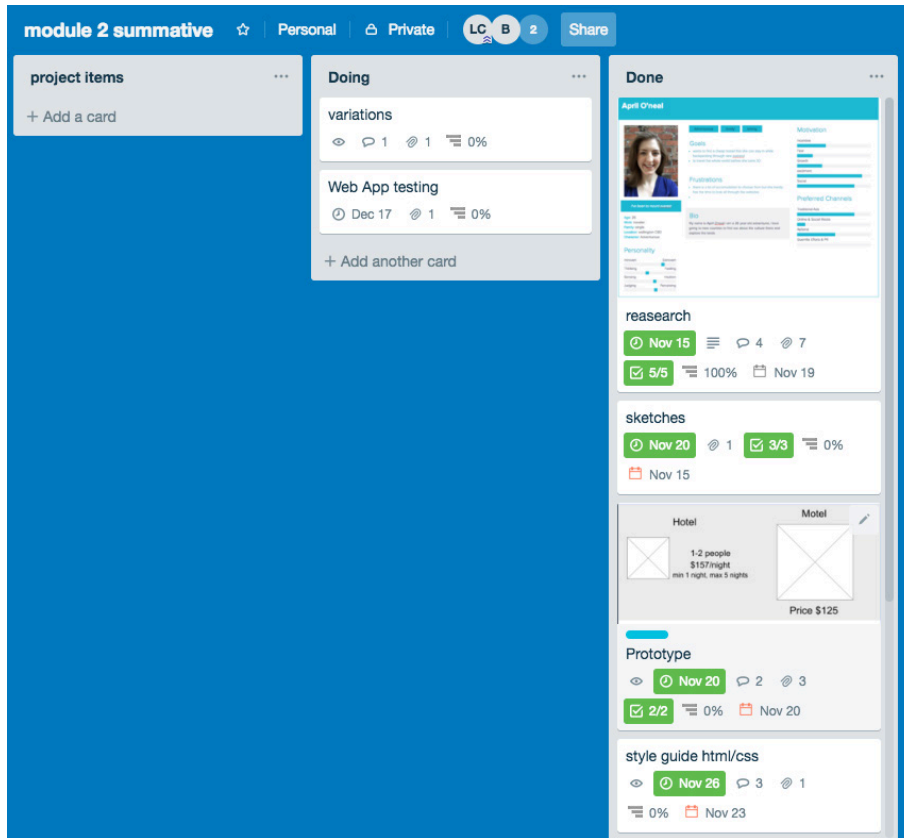
Preposal

Tourism New Zealand has hired me to create a single page web application for visitors staying for short periods, so they can book there own accomodation

the users need to input information and be shown the relevant info for the hotel they are looking for. The user needs to input how many people will be staying, how many nights they will be staying and food options.

i will be using bem and sass and javascript to make this one page web application
my timeline i have been given for this project is from today wednesday 14th november to friday 14th of december to complete this, i need to record any variations that i make to my plan,

my target audience for this is male and females and non-binary people that enjoy traveling to places and finding nice hotels to go to, my age range is 20 -35+, they are new to wellington and want to find an affordable hotel to stay in for a couple nights while the explore the city



Milestones/Deliverables

Deliverable

deliverable 1: sketches

deliverable 2: Style Guide

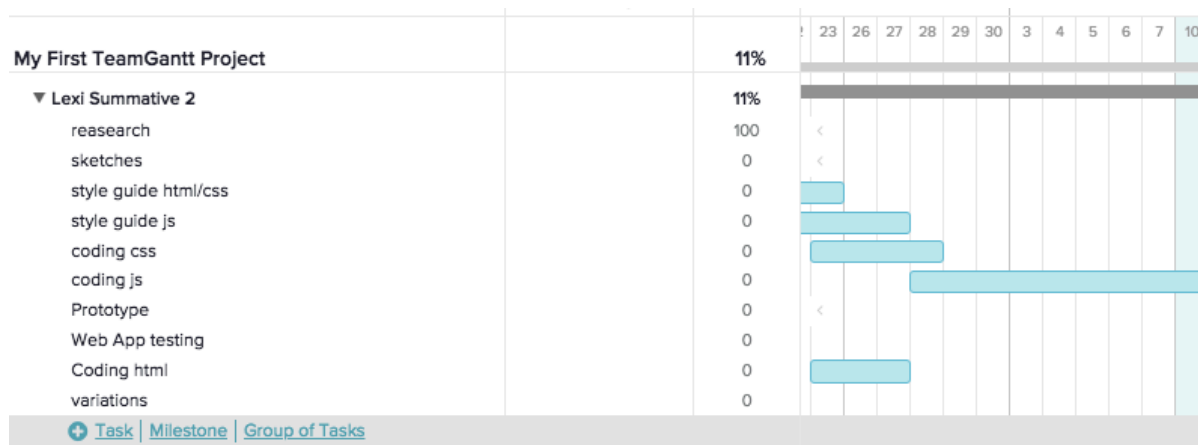
deliverable 3: prototype

Milestones

milestone 1: sketches

milestone 2: prototype

milestone 3: coded website



Reasearch

Search Cheap Flights

☒ Return ☐ One Way

Flying from

 (AKL) - Auckland Airport - Auckland - New

 Flying to


Departing

 Nov 14, 2018

Returning

 Nov 21, 2018

Passengers / Ticket Class

 1 Adult, Economy

SEARCH FLIGHTS

Swot Analyse Flight Center

Strengths

has a form on home page, has information about flights and prices to other countries, has some guaranties that would make the user feel more comfortable using there booking center, uses a model for people flying

Weaknesses

could be overwhelming for someone whos first time going through a booking center website

opportunities

has some guaranties that would make the user feel more comfortable using there booking center

Threats

has a lot of information about the prices which is what some people look for on a website when booking something

Swot Analyse Wotif

Strengths

has a clear navigation bar, has a nice looking form but it could be improved a bit

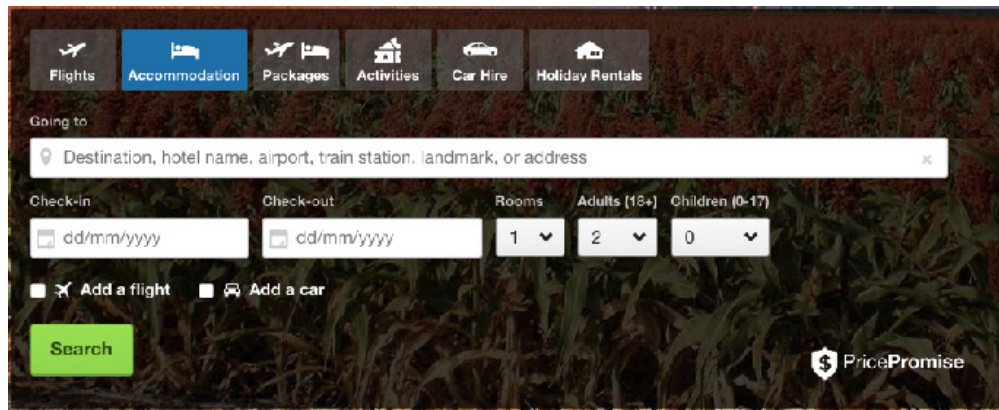
Weaknesses

the website feels a bit smushed together, there is a lot of text at the bottom of the page, that users wouldn't be interested in reading

opportunities

it has the opportunity to be a good website if the content was a little bit more spread out and having less text at the bottom would be good, the text in grey is a bit hard to read

Threats



The screenshot shows the Wotif website's search interface. At the top, there is a navigation bar with icons and labels for Flights, Accommodation (which is highlighted), Packages, Activities, Car Hire, and Holiday Rentals. Below this is a 'Going to' section with a search bar containing the placeholder text 'Destination, hotel name, airport, train station, landmark, or address'. Underneath the search bar are fields for 'Check-in' and 'Check-out' dates, both with a calendar icon and the format 'dd/mm/yyyy'. To the right of these are dropdown menus for 'Rooms' (set to 1), 'Adults (18+)' (set to 2), and 'Children (0-17)' (set to 0). At the bottom left, there are checkboxes for 'Add a flight' and 'Add a car'. A green 'Search' button is located at the bottom left. In the bottom right corner, there is a 'PricePromise' logo.



Find your ideal hotel and compare prices
from different websites

Q. |g Wellington

Search

NZD

Sign up

Log in

Swot Analyse Trivago

Strengths

top cites, top destinations gallery, it has a base price of some hotels in the area

Weaknesses

home page is rather blank and feels boring,

opportunities

the search bar is nice

the page could have more content on it

Threats

Swot Analyse Tourism New Zealand

Strengths

Simple layout, no messy content, shows visitor(to new zealand) stats

Weaknesses

doesn't have a lot of information on the home page

one slide cuts to bits in half

opportunities

slider is good just need to fix the banner that gets two things cut

Threats

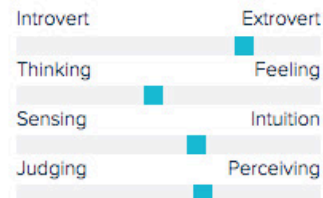
April O'neal



I've been to mount everest

Age: 26
Work: traveler
Family: single
Location: wellington CBD
Character: Adventurous

Personality



Adventurous lovely strong

Goals

- wants to find a cheap hostel that she can stay in while backpacking through new zealand
- to travel the whole world before she turns 30

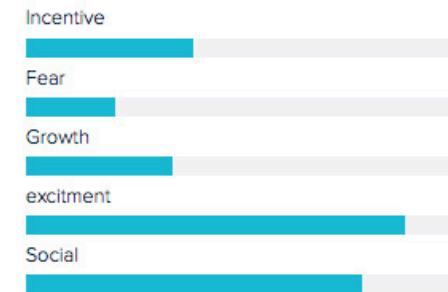
Frustrations

- there is a lot of accomodation to choose from but she hardly has the time to look all through the websites
-

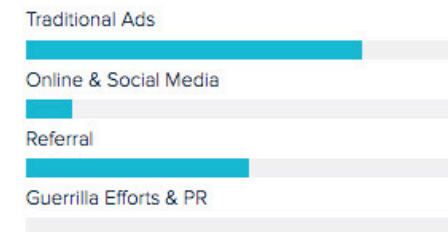
Bio

My name is April O'neal i am a 26 year old adventurer, i love going to new counties to find out about the culture there and explore the lands

Motivation



Preferred Channels



gazza barry



"time is money"

Age: 35

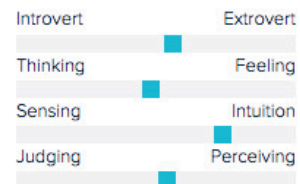
Work: accountant

Family: partner,

Location: auckland

Character: smart

Personality



smart

quick thinking

kind

Goals

- he wants to find a nice place that his work will pay for to stay while he is at a conference in wellington
- wants a clean hotel that is close to the conference center

Frustrations

- his work wont pay for an extremely expensive hotel
- wants to be close to bars so he can go for a drink afte the conference

Bio

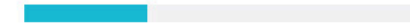
i am gazza barry, i am an accountant and am going to wellington for a week for a conference, i would like a nice hotel to stay in that my bosses will pay for, i would also like to got to a bar after the conference

Motivation

Incentive



Fear



Growth



Power



Social



Preferred Channels

Traditional Ads



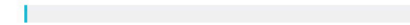
Online & Social Media



Referral

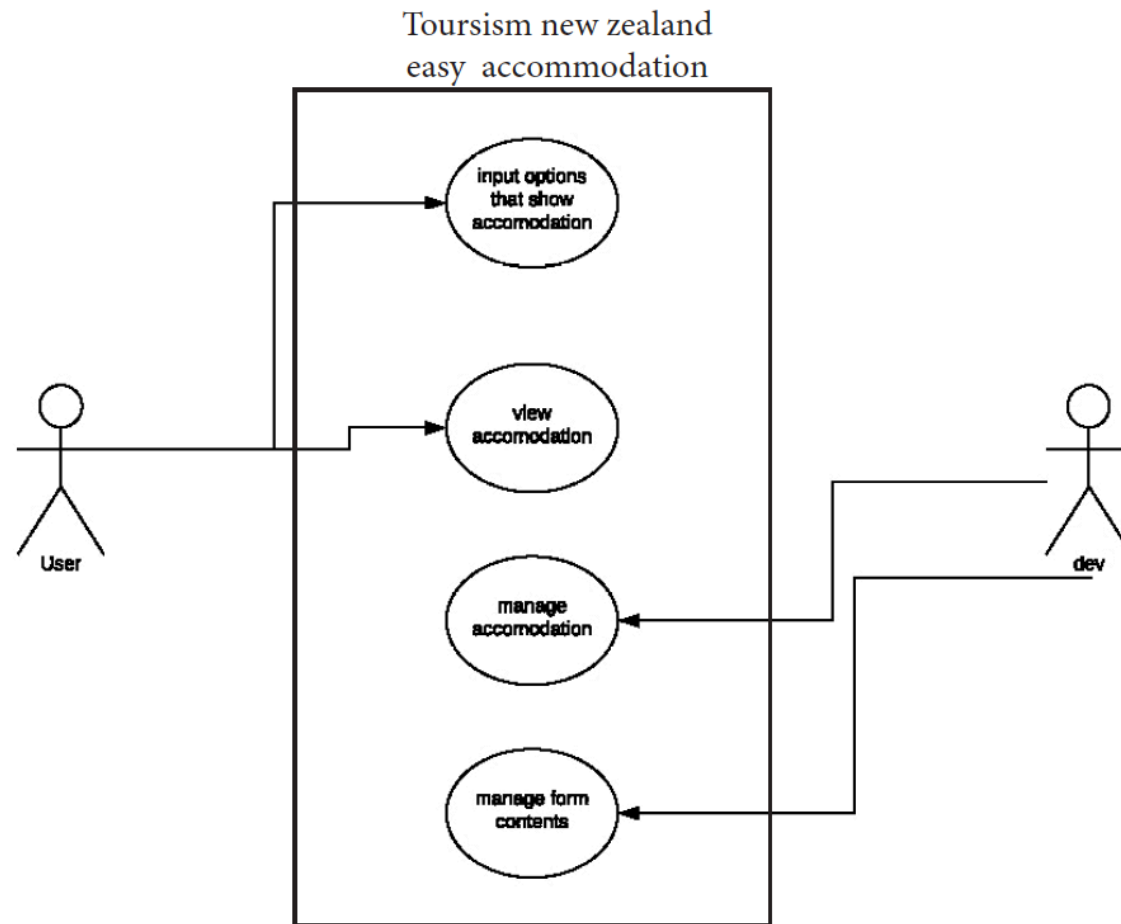


Guerrilla Efforts & PR



Target Audience

my target audience for this is male and females and non-binary people that enjoy traveling to places and finding nice hotels to go to, my age range is 20 -35+, they are new to wellington and want to find an affordable hotel to stay in for a couple nights while the explore the city



Algorithm

step 1: user clicks menu

step 2: the menu slides onto the screen from the rightside

step 3: user selects accomodation type

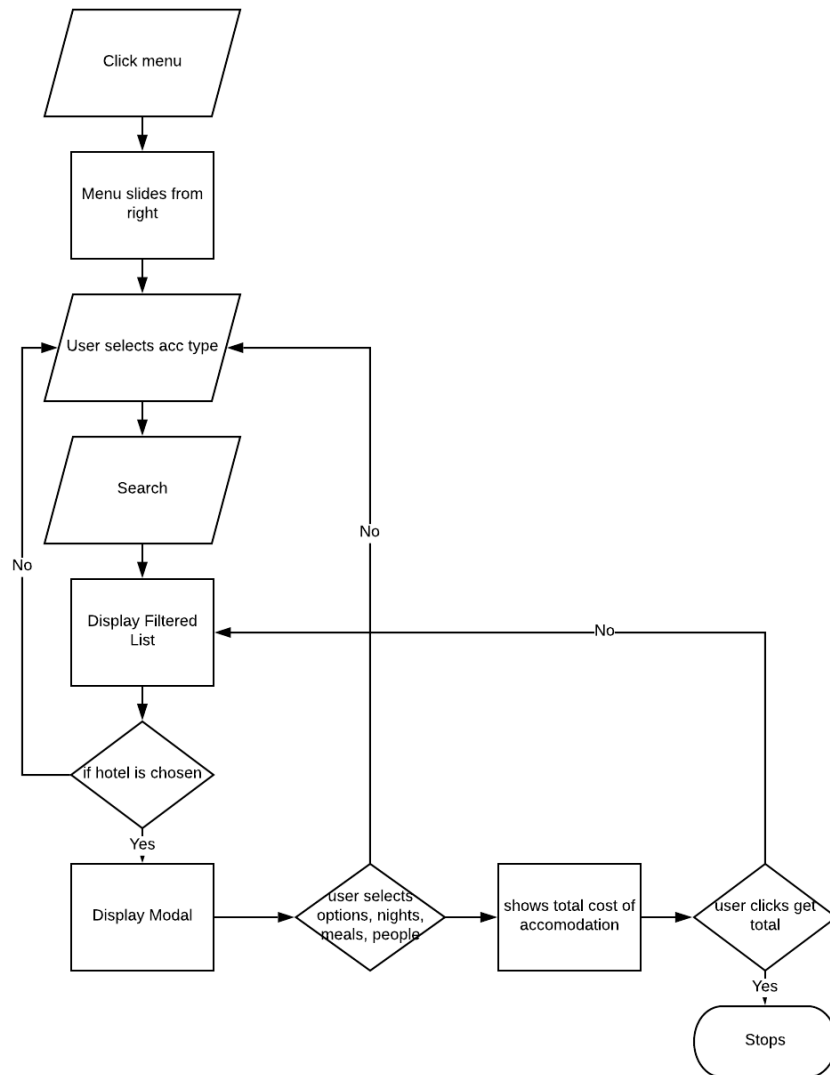
step 4: user clicks search

step 5: menu slides off screen and shows the user the selected accomodation type

step 6: if hotel one is chosen modal displays with details including total costs

step 7: if user clicks get total the total of the accomdation will appear

Stops.



Prototype

<https://preview.uxpin.com/977f9594e192248d00875571fc7f8d229616db8e#/pages//simulate/no-panels?mode=i>



two users that saw the hotel to motel layout comparison both liked the hotel one as it has more detailed description
after i tested i decided to change it a bit to where i had a reasonably sized image above the text but all the detailed text below the image

Testing Results

testing results

1. Very straight forward and linear, I like the idea of having the input on the right hand side.
2. Basic layout looks fine, clear and easy to read.
3. could the images be a little bigger and the motel/hotel/hostel could be rearranged to give the image more space?
4. the filter box could be made smaller, only as big as it needs to be to maximise the content space
5. The layout is nice and simple
6. I think the images could be bigger, if you look at the Tourism NZ site and look under accommodation you'll see the size they have used. If you are using real data from the site it may be easier to use similar proportions to save resizing - I can show you tomorrow if you like :)
7. I would suggest using a spinner, rather than taking their input and giving them a guide to maximum and minimum as well (same goes with nights). Just for UX purpose.
8. I think that the layout is really simple and straight-forward. Great stuff :)

html and css methodology/style guide

CSS
col-6
|col-md-4
col__card
card
card__accomodationtype
card__text
card__price
card__people
card__nights
card img
container-fluid
custom-container
*
wrapper__items
row

accBtn
btn
btn-lg

accomodation
nights
people
meals

totalPrice

modal
modal__header
modal-calc
modal-select
modal-content
modal-body
modal-image

map
header
footer
.container
body

html style guide
div class container
div class dropdown
form class form group
input submit
<select>
</select>
div class col span
div class card
div class card__img
div class card__text

modal
modal-content
modal-header
modal-body
modal-image
modal-footer

bem
.container
container__filters
.card
.card__img
.card__text
h2
<p>

partials
_card.scss
_search.scss
_modal.scss
_index.scss
_header.scss
_footer.scss
_btn.scss|

use camelCase for identifier names (variables and functions).
var homeTime
function homeTime();

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

Always use 4 spaces for indentation of code blocks instead of tabs as some browsers read tabs different to others

Always end a simple statement with a semicolon

x = y;

Put the opening bracket 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

```
function ex() {  
}
```

Place the opening bracket on the same line as the object name.

Use colon plus one space between each property and its value.

apple: 56;

Use quotes around string values, not around numeric values.

'this is a string'

'675' this shouldnt have quotes around the number

it should be like this 675

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.

```
{  
apple: 56,  
banana: 45  
};
```

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

```
document.getElementById("demo").innerHTML =  
"Hello Dolly.";
```

Always use the same naming convention for all your code

Js Plugins

popper.js
bootstrap.js
jquery-ui

```
function calculate() {  
    var nights = document.getElementById('nights').value;  
    var people = document.getElementById('people').value;  
    var meals = document.getElementById('meals').value;  
    console.log(nights,people,meals);  
    if ((meals == 1) || (meals == 2) || (meals == 3)) {  
        var mealprice = 12.50;  
    } else if (meals == 4) {  
        var mealprice = 37.50;  
    } else if (meals == 5){  
        var mealprice = 0;  
    }  
  
    total = parseInt(nights) * mealprice;  
    console.log(total);  
    document.getElementById('totalPrice').innerHTML += total;  
}
```

Ui Functionality

```
$(document).ready(function () {  
  
    $("#showFilter").click(function() {  
        $("#slide").show( "slide", {direction: "right" } );  
        $("#filterModal").show();  
    });  
  
    $("#closebtn").click(function() {  
        $("#slide").hide( "slide", {direction: "right" } );  
        $("#filterModal").hide();  
    });  
});
```

```
function filterResults() {  
    var i;  
    type = document.getElementById('hotel').value;  
    productsContainer.innerHTML = '';  
  
    for (var i = 0; i < accomodation.length; i++) {  
        if (type === accomodation[i].accomodationtype) {  
            addProductToPage(accomodation[i]);  
        }  
    }  
}
```

Quality Assurance

Document checking completed. No errors or warnings to show.

- Warning** Consider adding a `lang` attribute to the `html` start tag to declare the language of this document.
[From line 1, column 16; to line 2, column 6](#)
TYPE `html` `<html>` `<head`
For further guidance, consult [Declaring the overall language of a page](#) and [Choosing language tags](#).
If the HTML checker has misidentified the language of this document, please [file an issue report](#) or [send e-mail to report the problem](#).
- Error** An `img` element must have an `alt` attribute, except under certain conditions. For details, consult [guidance on providing text alternatives for images](#).
[From line 14, column 4; to line 14, column 73](#)
`vbar">` `` `<i`
- Error** The `frameborder` attribute on the `iframe` element is obsolete. [Use CSS instead](#).
[From line 59, column 15; to line 59, column 358](#)
`<iframe src="https://www.google.com/maps/embed?pb=!1m18!1m12!1m3!1d2996.681543551101!2d174.794673315...sen!2snz!4v1543795693560" width="500" height="350" frameborder="0" style="border:0" allowfullscreen></ifra`
- Error** Bad value for attribute `action` on element `form`: Must be non-empty.
[From line 61, column 19; to line 61, column 34](#)
`<form action="">`

W3C CSS Validator results for TextArea (CSS level 3 + SVG)

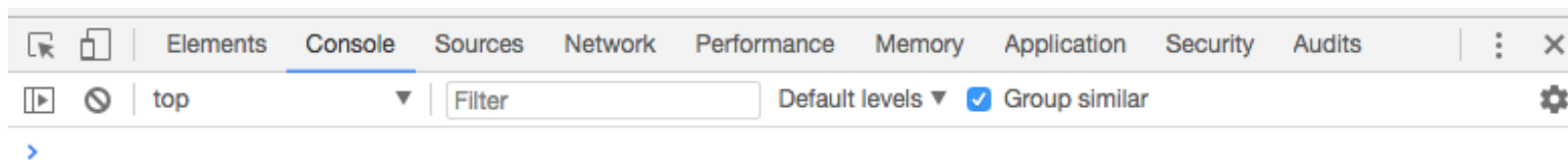
Congratulations! No Error Found.

Sorry! We found the following errors (1)

URI : TextArea

67 #totalPrice

Value Error : font-weight Missing a semicolon before the property name `background-color`



Final Product

<http://lexi.jayy.yoobee.net.nz/Summative%202/index.html>

Thank you for coming to my Ted Talk

TED Ideas worth
spreading

