

# FIT 1046 assignment 3

Object:

Secret histories of small objects website

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## Table of Contents

<b>1.</b>	<i>Introduction:</i>	.....	<b>3</b>
<b>2.</b>	<i>Idea and inspiration:</i>	.....	<b>3</b>
<b>3.</b>	<i>Research and planning:</i>	.....	<b>4</b>
i.	<i>Create a persona:</i>	.....	<b>4</b>
ii.	<i>Research for content:</i>	.....	<b>6</b>
a.	Photography inspiration:	.....	<b>6</b>
b.	Fonts:	.....	<b>7</b>
c.	Colour theme:	.....	<b>9</b>
d.	Pattern elements:	.....	<b>11</b>
iii.	<i>Create a mood board:</i>	.....	<b>15</b>
iv.	<i>Create a style tile:</i>	.....	<b>15</b>
v.	<i>Plan content structure:</i>	.....	<b>19</b>
<b>4.</b>	<i>Conceptual development:</i>	.....	<b>20</b>
i.	<i>Rough Sketches:</i>	.....	<b>20</b>
ii.	<i>Wireframe:</i>	.....	<b>21</b>
iii.	<i>Mockups:</i>	.....	<b>21</b>
<b>5.</b>	<i>Website design:</i>	.....	<b>28</b>
i.	<i>Html:</i>	.....	<b>30</b>
ii.	<i>Css:</i>	.....	<b>38</b>
<b>Reference:</b>		.....	<b>52</b>

My website URL: <https://clever-borg-bc66fb.netlify.app>

## 1. Introduction:

In this documentation, I will present how I design a website of eight small objects by using the photography with the edition of Photoshop as well as the HTML and CSS skills that I had. This documentation will present the whole process of how I started the research to the final design.

Before the design, I did some research online to give some inspirations and used a few websites to build my conceptual design. I have covered all of them including the source URL in the Reference list. Apart from that, I made some sketches based on my imagination for better understanding the result. All the photos in the research and the design were taken by myself.

During the process while I was designing, I made plenty mistakes and wise decisions to correct them or avoid them in the end. For those, I would highlight them with the **red** titles.

## 2. Idea and inspiration:

I chose to build a website as the collection of eight houseplants that my grandad had in his apartment. This is the only hobby that my grandad had for years and every time I visited him I was always

surprised to find how vivid the apartment was because of those plants. Apart from that, my grandad is the total expert of the plants he had, unlike the official definition of those plants, he always had some special “quotes” when it came to his beloved plants. Therefore, I asked the permission to build a website of some of his plants and include his comments within.

I want to make a website that attracts people to be a plant fan or getting to know a type of plants in a senior angle.

### 3. Research and planning:

#### i. Create a persona:

Creating a persona would help me to find my targeted audience so that the website can be designed in specific styles.

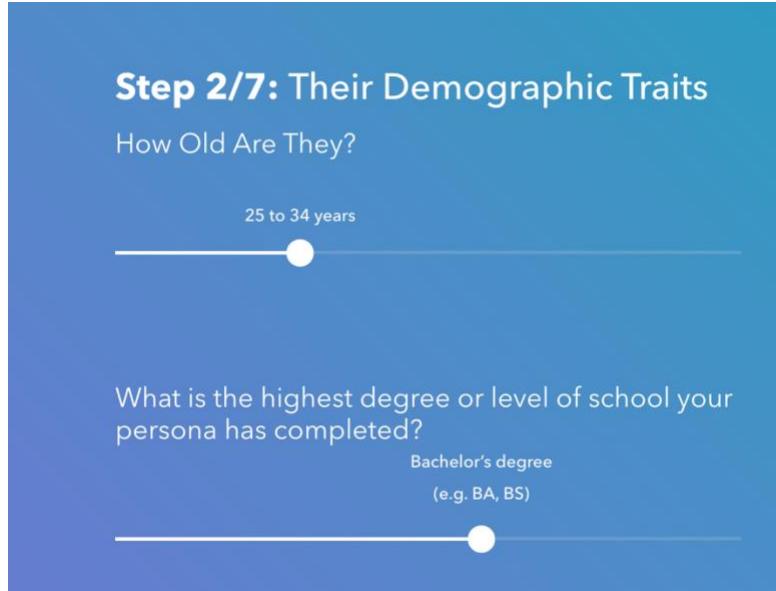
HubSpot(2020) was the website that I used to build the persona.

At the very beginning I need to find out people at what age would love houseplants.

The screenshot shows a step in the HubSpot persona creation process titled "Step 2/7: Their Demographic Traits". It asks "How Old Are They?" with a slider set between "35 to 44 years". Below this, it asks "What is the highest degree or level of school your persona has completed?" with a slider set to "Less than a high school diploma". On the left sidebar, there's a "Why Is This Step Important?" section explaining the benefits of collecting demographic information for marketing messaging. A "Skip walkthrough mode" button is also visible.

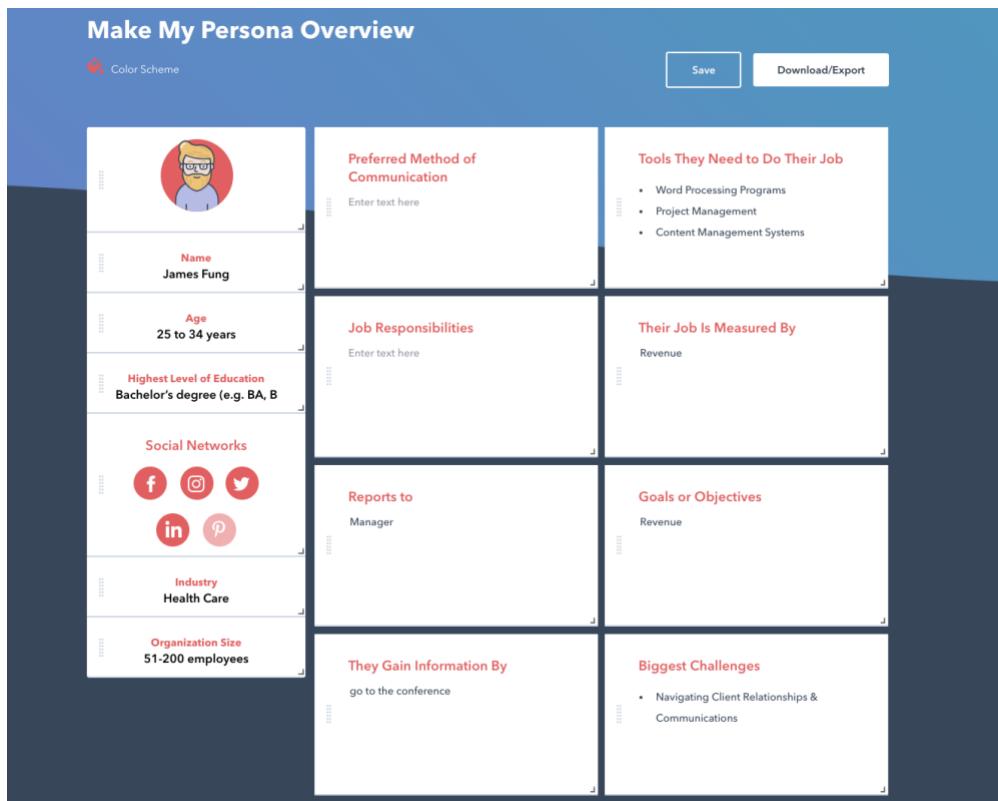
There is a Blog called “Why Millennials Are Suddenly So Obsessed With Houseplants(2019)” reveal the fact that people from 18 to 35 would become the main age group who would take houseplants as their hobbies or interests.

Therefore, I would set age range from 25 to 24 with the degree of Bachelor or higher.



According to the blog, the reasons that led young people into the fad of houseplants are self-care, wellness movements, social media. Therefore, people who worked for Health care may be my potential viewers. Based on that, I may want to find some trendy styles to the website.

I made a persona like this.



## ii. Research for content:

Here is the step I need to find all the potential design elements for my website. The whole research results were found through the internet and I have included URL in the reference list.

### a. Photography inspiration:

A plant photography can be tricky as it requires the insight to discover the angles to capture the plants especially when you want to take a close shot. Therefore, before I made my shot, I looked up some online pictures to give me some inspirations.



(picture 1)



(picture 2)



(picture 3).



(picture 4)



(picture 5)



(picture 6)

All the images were found from a website called “Unsplash”. I have put the URL in the reference list.

b. Fonts:

I picked a few fonts from Google Fonts and paired them.

Based on the plant theme. I particularly looked for the fonts in Serif as it would have a little stroke attached to some letters which would remind me of the branches of the plants.

The screenshot shows the 'Merienda One' font page on Google Fonts. The 'Pairings' tab is selected. On the left, a list of popular pairings is shown, including Rokkitt, Pacifico, Lobster, Quicksand (selected), Merienda One (Regular), Quicksand (Regular), and Lora. In the center, a preview box displays the text 'The spectacle before us was indeed sublime.' in a serif font. Below the preview, a paragraph of text describes a scene from a book. On the right, the 'Selected families' panel shows 'Quicksand' and 'Merienda One' as chosen. The 'Use on the web' section contains the font embedding code for both fonts. At the bottom, there are links for API docs and Download all.

(font Quicksand & Merienda One)

The screenshot shows the 'Zilla Slab' font page on Google Fonts. The 'Pairings' tab is selected. On the left, a list of popular pairings is shown, including Roboto, Open Sans, Montserrat (selected), Zilla Slab (Regular), Montserrat (Regular), Lato, and Raleway. In the center, a preview box displays the text 'The spectacle before us was indeed sublime.' in a serif font. Below the preview, a paragraph of text describes a scene from a book. On the right, the 'Selected families' panel shows 'Montserrat' and 'Zilla Slab' as chosen. The 'Use on the web' section contains the font embedding code for both fonts. At the bottom, there are links for API docs and Download all.

(font Montserrat& Zilla Slab)

Katibeh

Select styles    Glyphs    About    License    **Pairings**

**Popular pairings with Katibeh**

Roboto	+
Harmattan	-
Katibeh	Regular
Harmattan	Regular
Lobster	+
Scheherazade	+
Lateef	+

**The spectacle before us was indeed sublime.**

Apparently we had reached a great height in the atmosphere, for the sky was a dead black, and the stars had ceased to twinkle. By the same illusion which lifts the horizon of the sea to the level of the spectator on a hillside, the sable cloud beneath was dished out, and the car seemed to float in the middle of an immense dark sphere, whose upper half was strewn with silver. Looking down into the dark gulf below, I could see a ruddy light streaming through a rift in the clouds.

[Download family](#)

**Selected families**

**Review**

Harmattan	v
Katibeh	v

**Use on the web**

To embed a font, copy the code into the <head> of your html

<link>  @import

```
<link rel="preconnect" href="https://fonts.gstatic.com">
<link href="https://fonts.googleapis.com/css2?family=Harmattan&family=Katibeh&display=swap" rel="stylesheet">
```

**CSS rules to specify families**

```
font-family: 'Harmattan', sans-serif
```

[API docs](#) [Download all](#)

Terms Privacy Twitter GitHub

(font Katibeh&Harmattan)

Spirax

Select styles    Glyphs    About    License    **Pairings**

**Popular pairings with Spirax**

Roboto	+
Open Sans	-
Spirax	Regular
Open Sans	Regular
Montserrat	+
Righteous	+
Lobster	+

**The spectacle before us was indeed sublime.**

Apparently we had reached a great height in the atmosphere, for the sky was a dead black, and the stars had ceased to twinkle. By the same illusion which lifts the horizon of the sea to the level of the spectator on a hillside, the sable cloud beneath was dished out, and the car seemed to float in the middle of an immense dark sphere, whose upper half was strewn with silver. Looking down into the dark gulf below, I could see a ruddy light streaming through a rift in the clouds.

[Download family](#)

**Selected families**

**Review**

Spirax	v
Open Sans	v

**Use on the web**

To embed a font, copy the code into the <head> of your html

<link>  @import

```
<link rel="preconnect" href="https://fonts.gstatic.com">
<link href="https://fonts.googleapis.com/css2?family=Open+Sans&family=Spirax&display=swap" rel="stylesheet">
```

**CSS rules to specify families**

```
font-family: 'Open Sans', sans-serif
```

[API docs](#) [Download all](#)

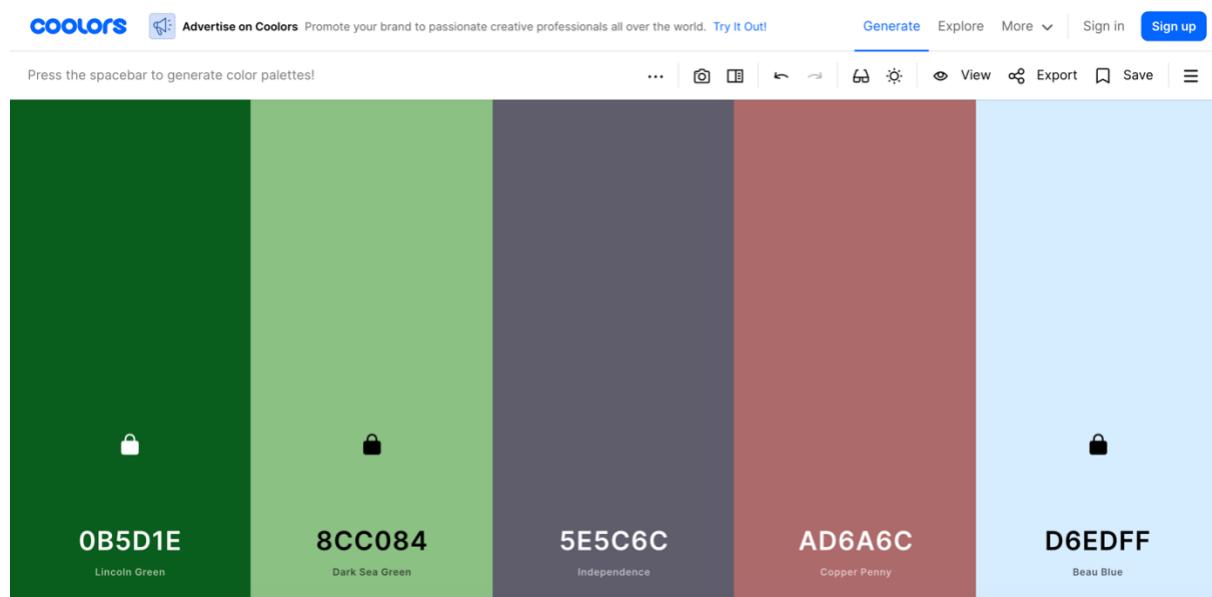
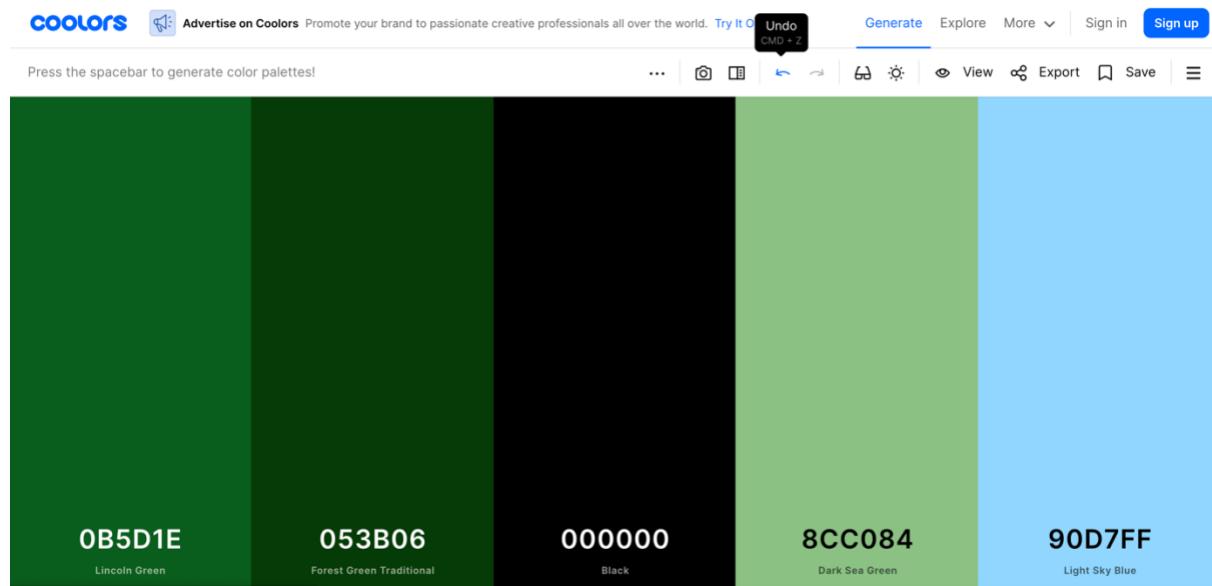
Terms Privacy Twitter GitHub

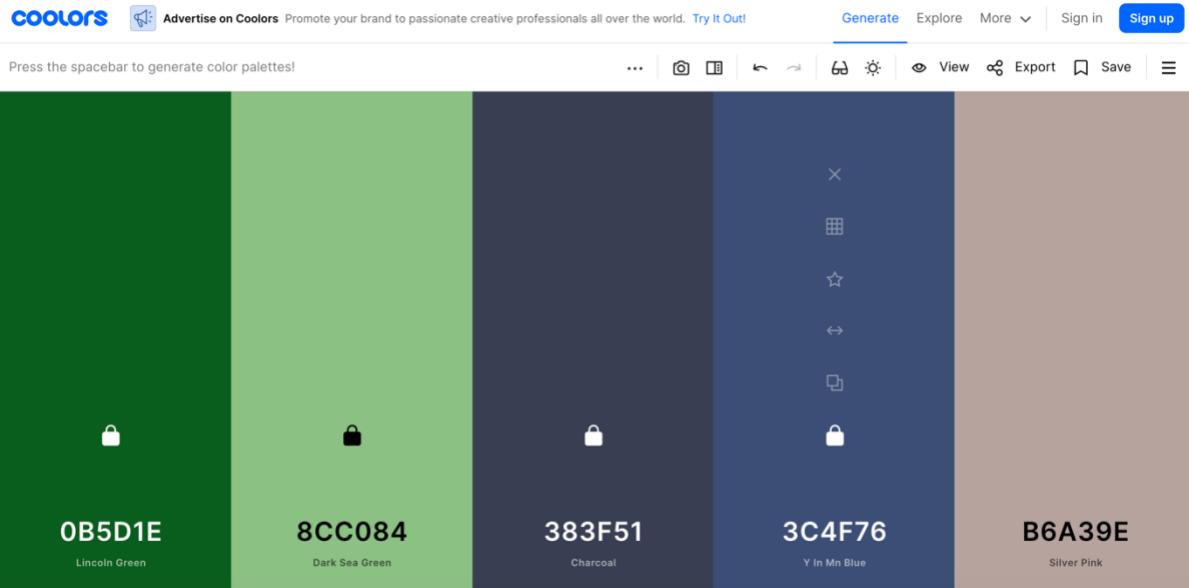
(font Spirax&Open Sana)

### c. Colour theme:

I use Colors as the source website where I found some colour combinations.

When it comes to plants, I would first come up with green. Therefore, I would try to find some green based colour theme.





#### d. Pattern elements:

This is the step where I went through plenty websites to find their unique pattern designs of website elements including: layout, search bar, navigation, heading, sections etc.

Those beautiful designs have been taken as screenshots and listed below, URL of websites are included in the reference list.

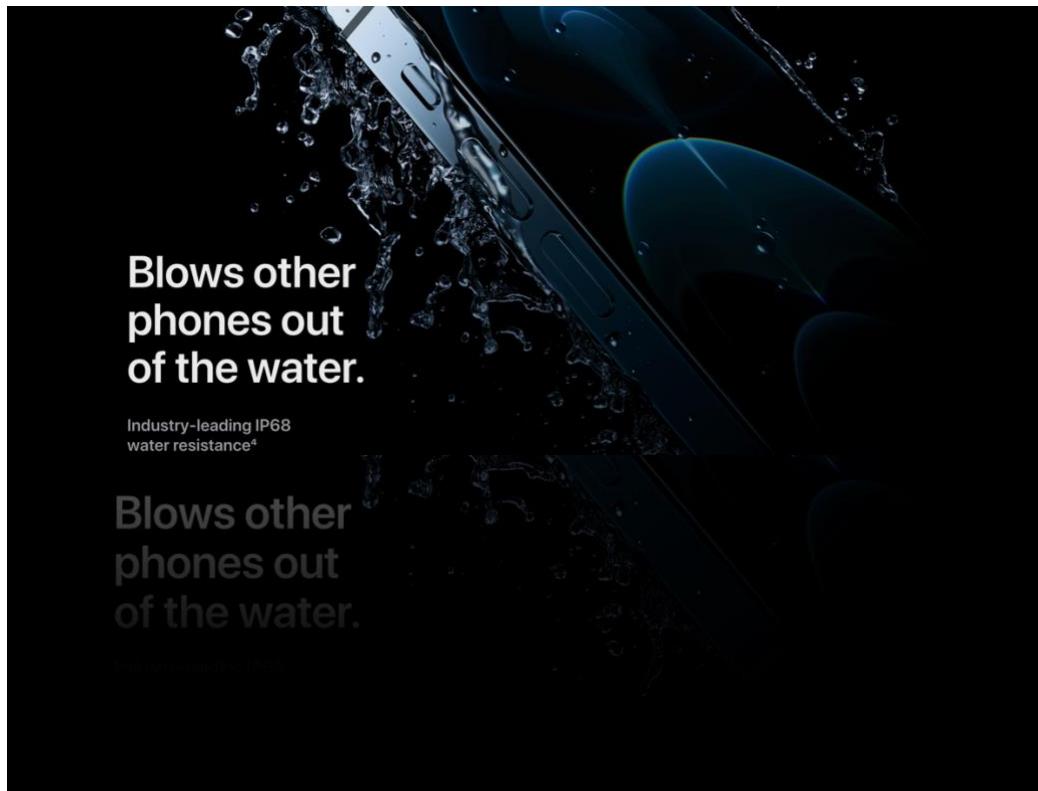
The first website I looked into was Apple. Apple has one of the most vivid website design and every time I watched their website it always gave me a feeling of simplicity but comfort. It's never because they are showing their new technique but the wise of the design. I went into it and found some interesting ideas.

Basically, in every page of their products, they used the equal length of white margin to divide each sections, which would make the page tidy and clean. It's sometimes hard to be discovered especially there is a grey background image attached to it. It's quite helpful if I need to lay out a few images at the same time but keep the page clean.



(Apple 1)

The other interesting thing I found in Apple is they tend to use some fade out transition when I scroll down the page and jump to another section. It makes an illusion of mystery. I loved it.



(Apple 2)

The next website I visited is NGV. NGV as the biggest Museum of Victoria would update their new exhibitions from time. Therefore, it's a good place to go and find how to design their website to attract viewers to collection.

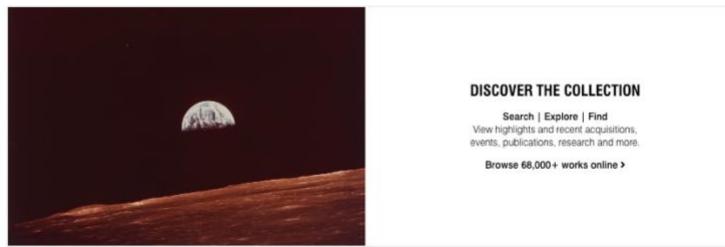
## Navigation?

NGV has a centre-based navigation at the top of the page and it's fixed when scrolling down. Fonts are in bold to highlight the difference with the background.



(NGV 1)

I was obsessed with the layout of its collection sections. Each section basically covers the whole width of the page with fixed margin between. Apart from that, there is a light grey box border to frame the content. Plus, every section is consist of a object image and a paragraph to describe and the position of the two elements are reverse from the sections' next to it. I would consider this as my layout option.



(NGV 2)

There is a website called “thesill” where they sold indoor plants, I found it useful to draw lessons from how they design a website based on plants.

I was totally attracted by their header section. Heading and background image shares the page. it keeps the simplicity and makes the heading clear and eye-catching.



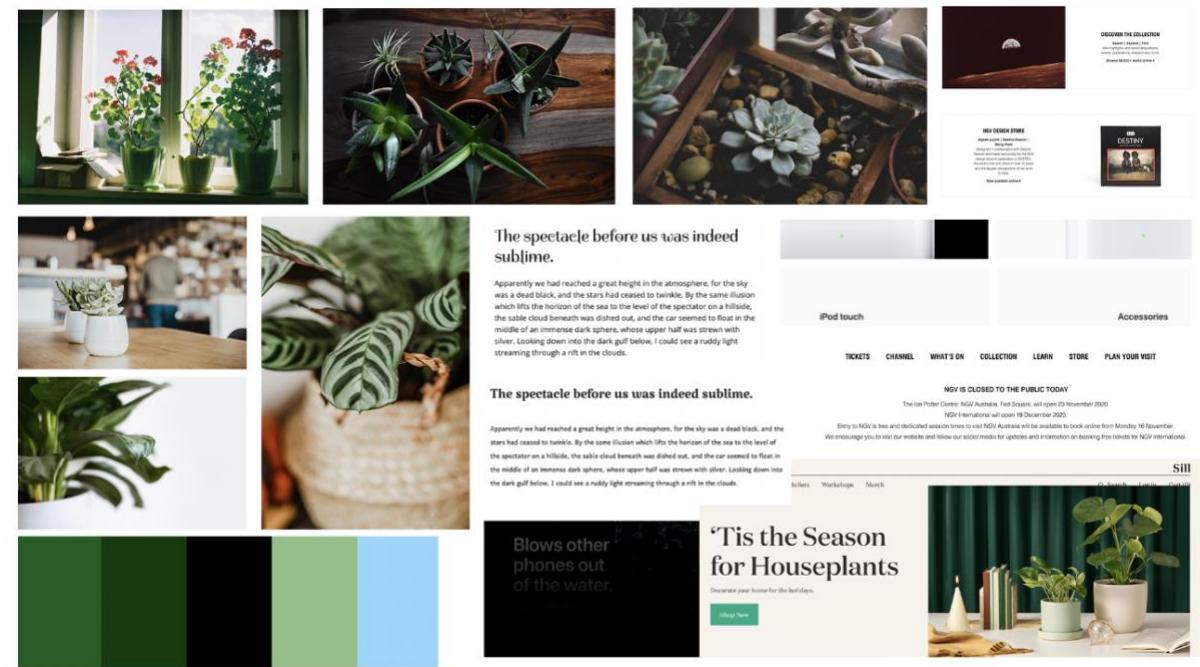
(thesill)

### iii. Create a mood board:

Mood board is a collection of the researches I have done so far and put them together to have a first look.

I used Photoshop to help me with it.

I left my psd file in the submission folder. Feel free to check it out.



### iv. Create a style tile:

Style tile is the plate form where I tested my design ideas with the research results and see if they would combine together to become a good design.

At this moment, I had an idea already in my mind with the possible layout elements consisting together. I would see if they can blend well.

This time I would stick to photoshop as well.

First of all, I will download all the fonts I found in Google Font and load them into Photoshop.



I tried to make the navigation as simple as possible. The “underline type” would suit my idea.



To pick the best font for the headline, I played with a few fonts that I downloaded.

The first one is Spirax, but it seems hard to read as a headline.

# Spirax Headline Example

Then, I tried Kaibeh, which makes me feel good.

*This is Navigation*

---

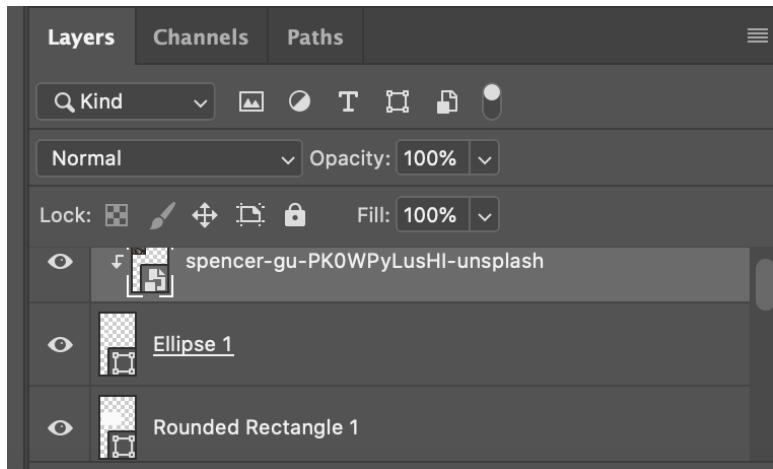
## Headline Example

In the header brief, I would pick the font of Harmattan to pair Headline.



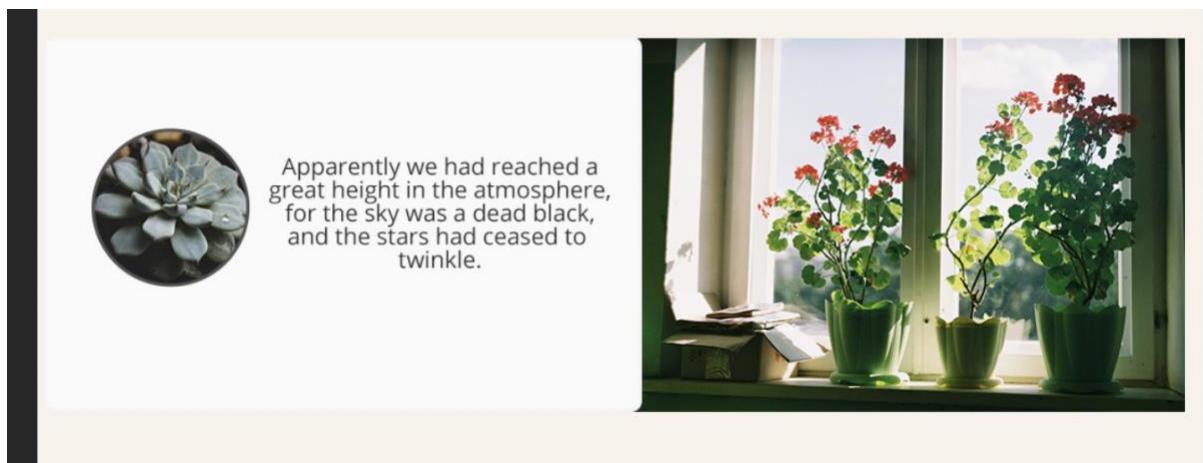
I had the idea to vertically split the page into two parts when design the plants section. On the left is the plant description with a round-box framed plant image and the photography of the plant is showed on the right side.

To do this, I set a round rectangle as the background of the section and make a ellipse afterwards, then input the portrait of plant using the clipping mask to connect them.



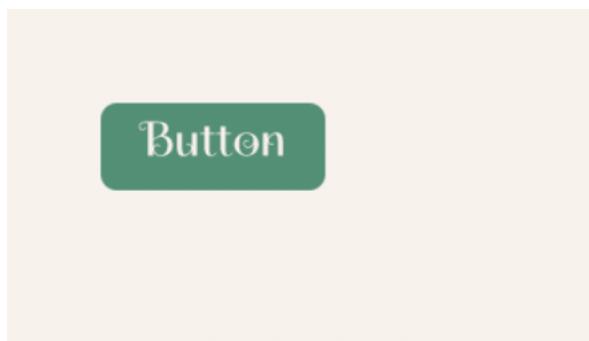
For the font of the plant description, I chose Open Sans.

This is how it looks.



Since it's a plant based website, I think it would be perfect to put some green colours.

I set button in green and use the font of Spirax in white.



This is the Style tile I made. I have saved the psd file in the submission folder.

*This is Navigation*

---

# Headline Example

Apparently we had reached a great height in the atmosphere, for the sky was a dead black, and the stars had ceased to twinkle. By the same illusion which lifts the horizon of the sea to the level of the spectator on a hillside, the sable cloud beneath was dished out, and the car seemed to float in the middle of an immense dark sphere, whose upper half was strewn with silver. Looking down into the dark gulf below, I could see a ruddy light streaming through a rift in the clouds.



Apparently we had reached a great height in the atmosphere, for the sky was a dead black, and the stars had ceased to twinkle.



**Button**

## v. Plan content structure:

To make sure I work in the plan, I built a content structure with “Gloomaps”, URL provided in the reference list.



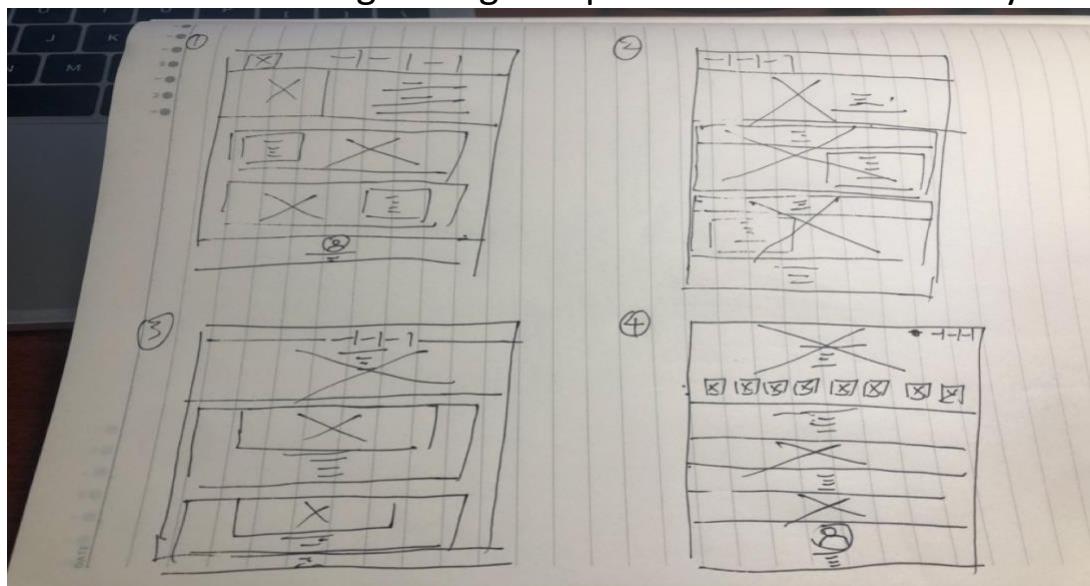
(Gloomaps)

## 4. Conceptual development:

Conceptual development is the process to put the ideas with imagination into visual display.

### i. Rough Sketches:

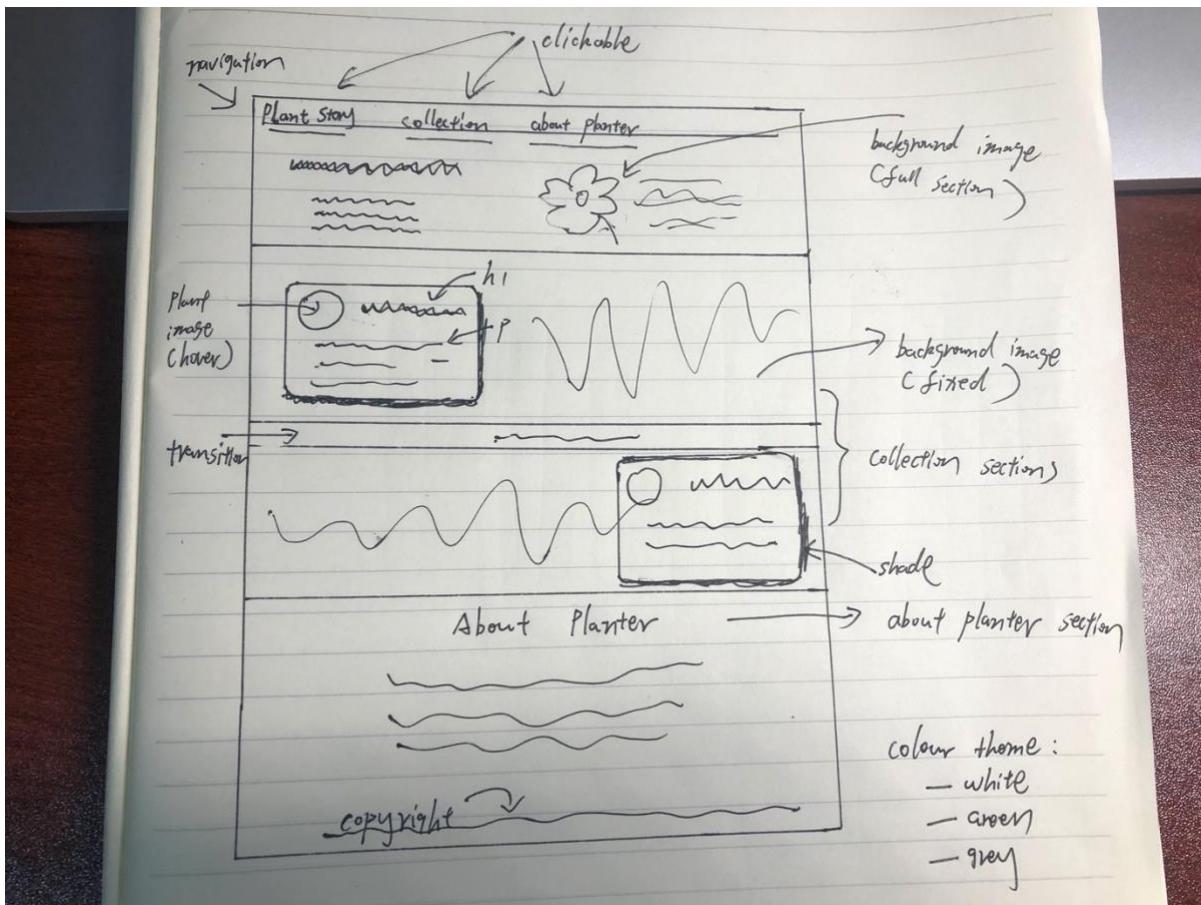
I had some ideas on what type of design elements I was expecting to see in my website according to my style tile, but there are different combinations of those widgets which would lead to various results. I have sketched 4 rough design maps with those ideas in my head.



## ii. Wireframe:

After a long-time consideration, I tended to prefer plan 2 from the sketches as I loved the design of vertically split section of collection and a full background image with the headline sounded good to me.

I drew a wireframe based on that.

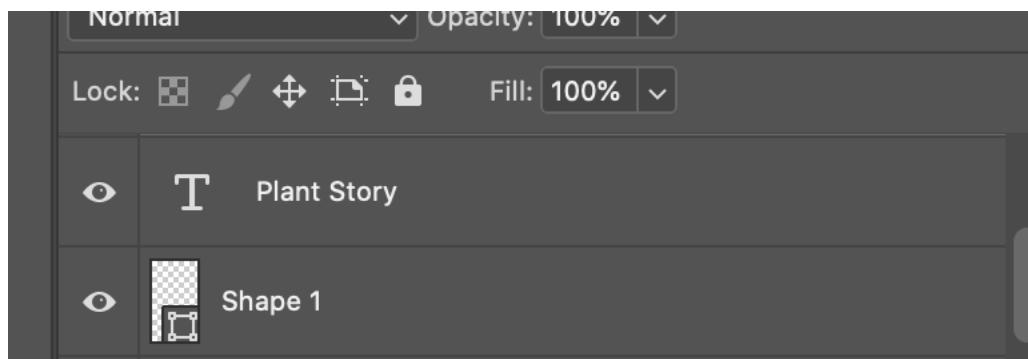


## iii. Mockups:

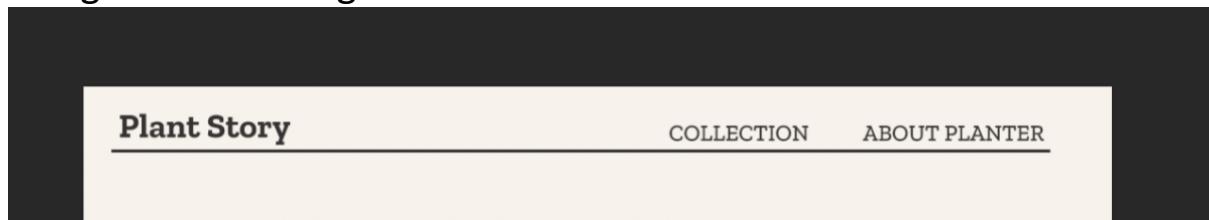
Before the actual coding, I would like to have a peak on what the final design is expected to be. Hence, I used the Photoshop to build a visual mockup.

I started with the navigation. To keep it simple, I used the drop-line style.

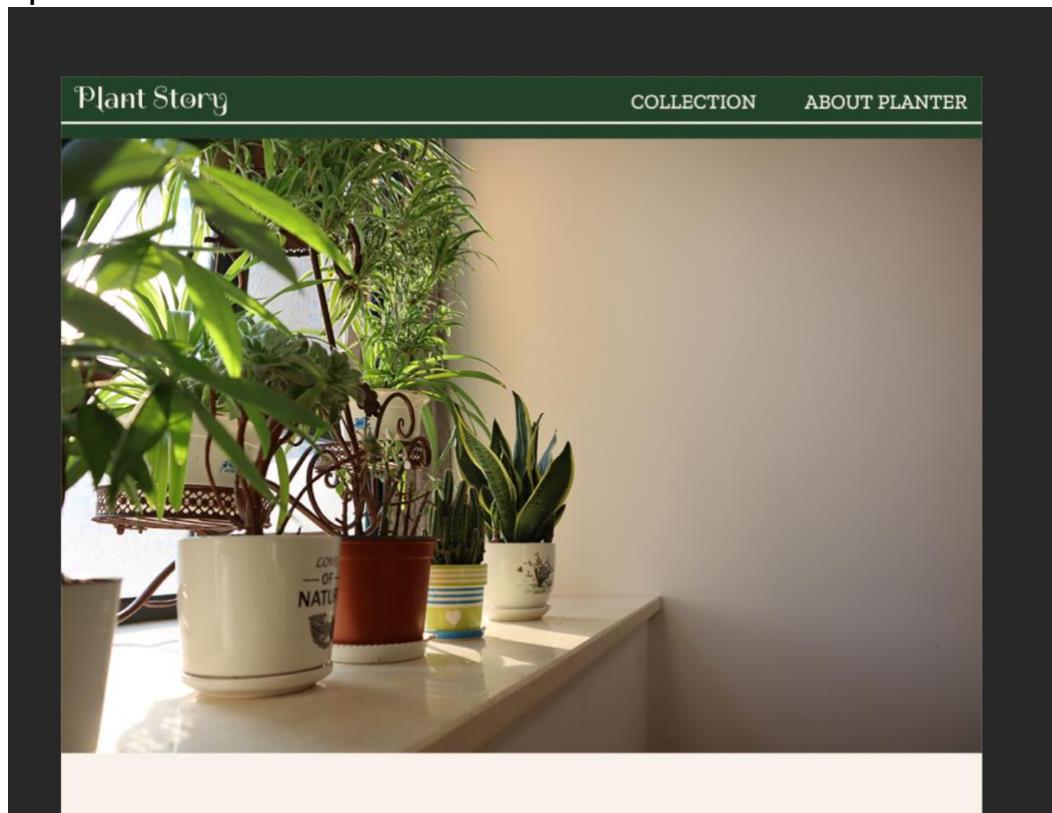
In a new layer, use the pen tool to draw a straight line.



Above the straight line, we have website logo on the left and navigation of the right.



Since I want to put a whole image as the headline background, beige is not the matching colour to my photography, I changed the navigation background colour to green and swap the logo font to Spirax.



Here is the time to put the headline on. According to my style tile, I set the tile in Katibeh and paragraph in Harmartam.



### Correction:

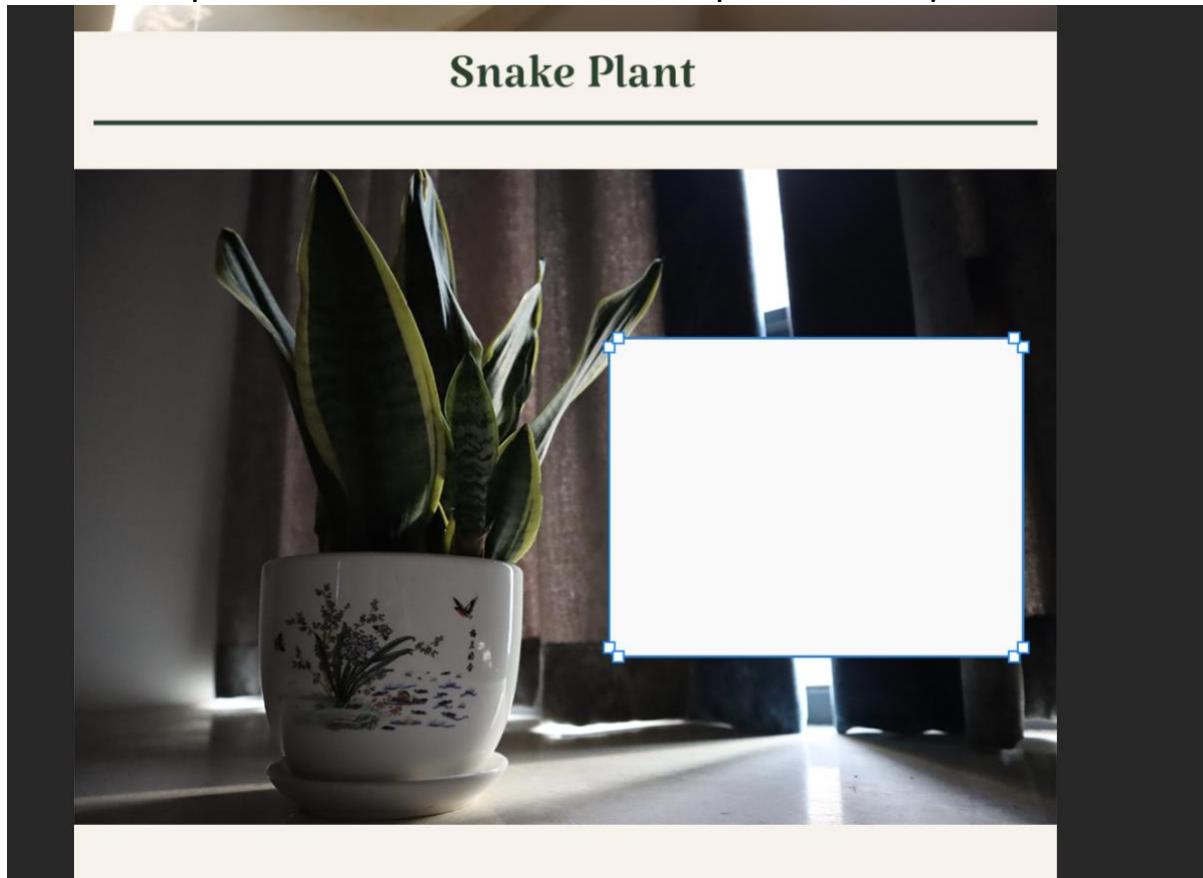
I wasn't happy with the paragraph font here, as it didn't seem to be compatible with the background photograph. Therefore, I changed it back to Katibeh to make the consistency with the title.



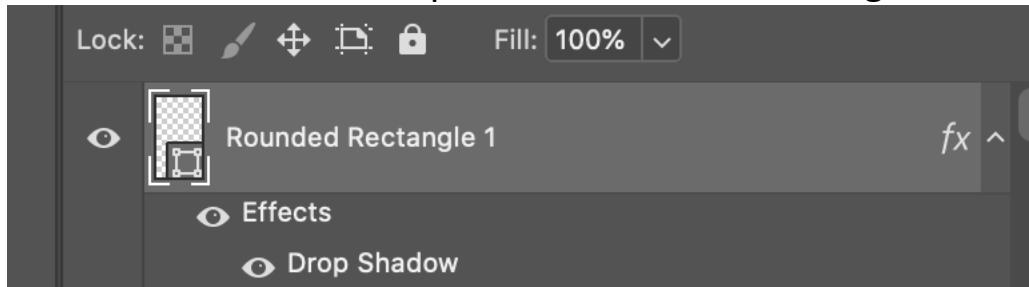
Using the same as the navigation, I made a transition section between each objects.

## Snake Plant

Load another photo I took and set it as the background image of plant section. Then set a new layer to draw a round rectangle on it. This is the place where I wrote the description of the plant.

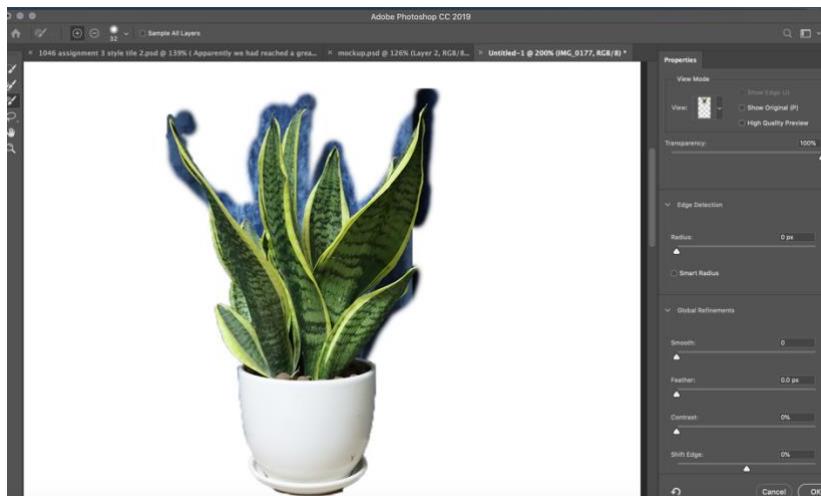


I had an idea at the moment to drop an outer shadow when coding. To reveal this, I'd like to put effects on this rectangle.



To enrich the content in the rectangle, I wanted to drop a round box framing the portrait of the plant.

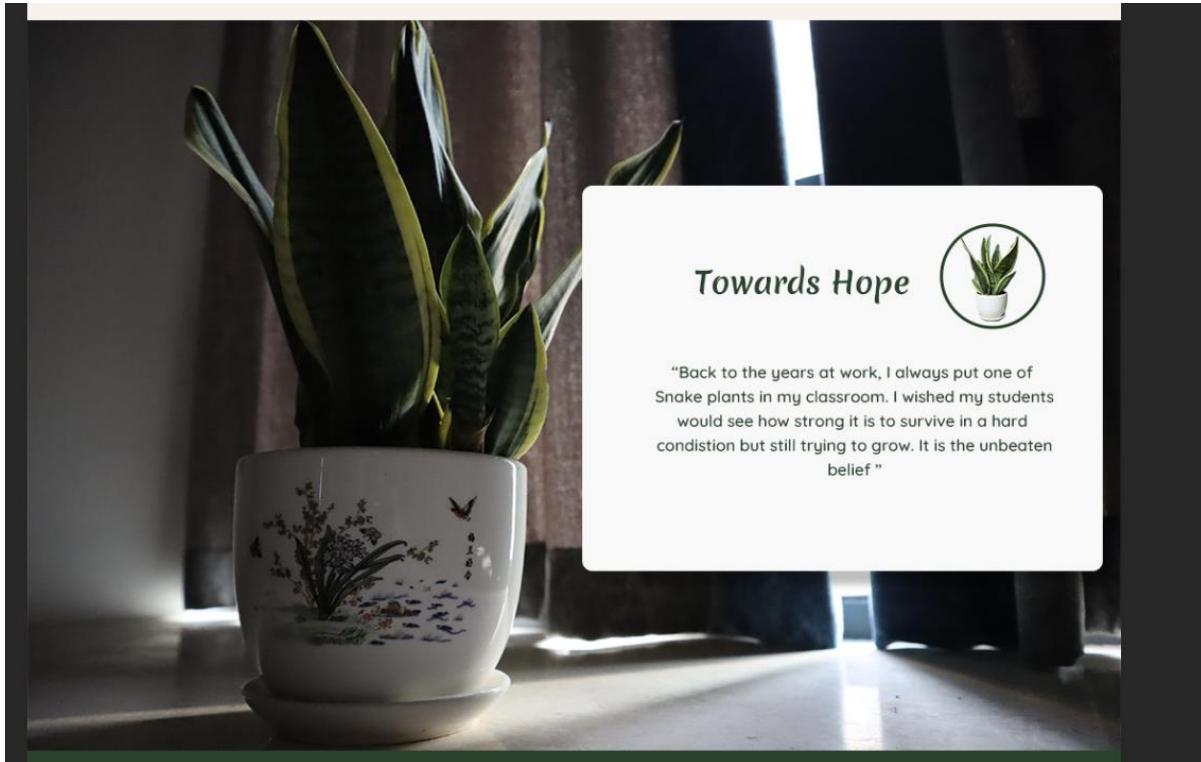
I loaded the portrait photo of this plant into Photoshop. Use the smart selection tool to circle the plant from the photo.



Use the ellipse tool to cover the portrait.



Put the paragraph I prepared in.



In the last section, I picked green as the background colour with beige word colour to match the colour theme.

### About Planter

Youheng, a kind grandpa, former teacher, plant lover,  
spent his whole life with education and plants.  
He always believes raising a plant is never different with students.  
With the efforts and patience put in, they bloom anyway.  
For Youheng, this collection is the mix of his life stories.

Behind the About planter section, there will be a copyright claim. To make the contrast of the green in the above. I set beige this time.

### About Planter

Youheng, a kind grandpa, former teacher, plant lover,  
spent his whole life with education and plants.  
He always believes raising a plant is never different with students.  
With the efforts and patience put in, they bloom anyway.  
For Youheng, this collection is the mix of his life stories.

@Collection of Youheng 2020

Here is the mockup I made. I have include the psd file in the submission folder.

Plant Story

ABOUT PLANTER

# Secrets Of Indoor Living

A collection of houseplants by a beloved grandpa who dedicate his life in raising people and plants. here is the story of his plants.

## Snake Plant

Towards Hope

"Back to the years at work, I always put one of Snake plants in my classroom. I wished my students would see how strong it is to survive in a hard condistion but still trying to grow. It is the unbeaten belief "

### About Planter

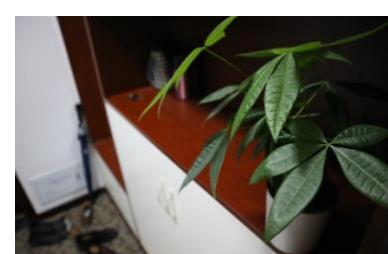
Youheng, a kind grandpa, former teacher, plant lover, spent his whole life with education and plants. He always believes raising a plant is never different with students. With the efforts and patience put in, they bloom anyway. For Youheng, this collection is the mix of his life stories.

@Collection of Youheng 2020

## 5. Website design:

Here are the photos I took that might be used in the website including the ones I used in the mockups.

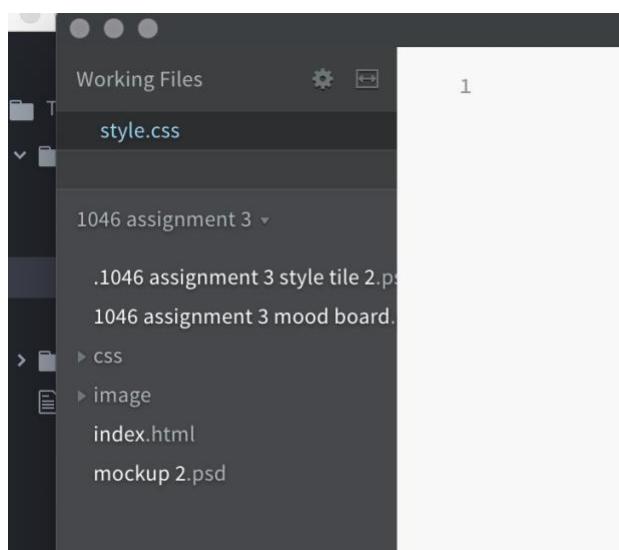




Each of the plants has two separate photos for the potential use.

i.     Html:

To start with, I created a html and a css file in the folder. Put css file in css folder.



Set the html up.

```
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=1.0">
7      <title>Plant Story</title>
8      <link rel="stylesheet" href="css/style.css">
9  </head>
10
11 <body>
12
13
14
15 </body>
16
17 </html>
```

Link the fonts I found from Google Font.

```
4 ▼ <head>
5      <meta charset="UTF-8">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>Plant Story</title>
8      <link rel="preconnect" href="https://fonts.gstatic.com">
9      <link href="https://fonts.googleapis.com/css2?
family=Merienda+One&family=Quicksand:wght@400;500&display=swap" rel="stylesheet">
10     <link href="https://fonts.googleapis.com/css2?
family=Montserrat&family=Zilla+Slab&display=swap" rel="stylesheet">
11     <link href="https://fonts.googleapis.com/css2?
family=Harmattan&family=Katibeh&display=swap" rel="stylesheet">
12     <link href="https://fonts.googleapis.com/css2?
family=Open+Sans&family=Spirax&display=swap" rel="stylesheet">
13     <link rel="stylesheet" href="css/style.css">
14 </head>
```

Set a navigation on the top. I put “#” here to link the following sections below.

```
    <header id="top">
<div>
    <h1><a href="index.html">Plant Story</a></h1>

    <nav>
        <ul>
            <li><a href="#">COLLECTION</a></li>
            <li><a href="#">ABOUT PLANTER</a></li>|
```

Input Headline paragraph. This is how the header looks.

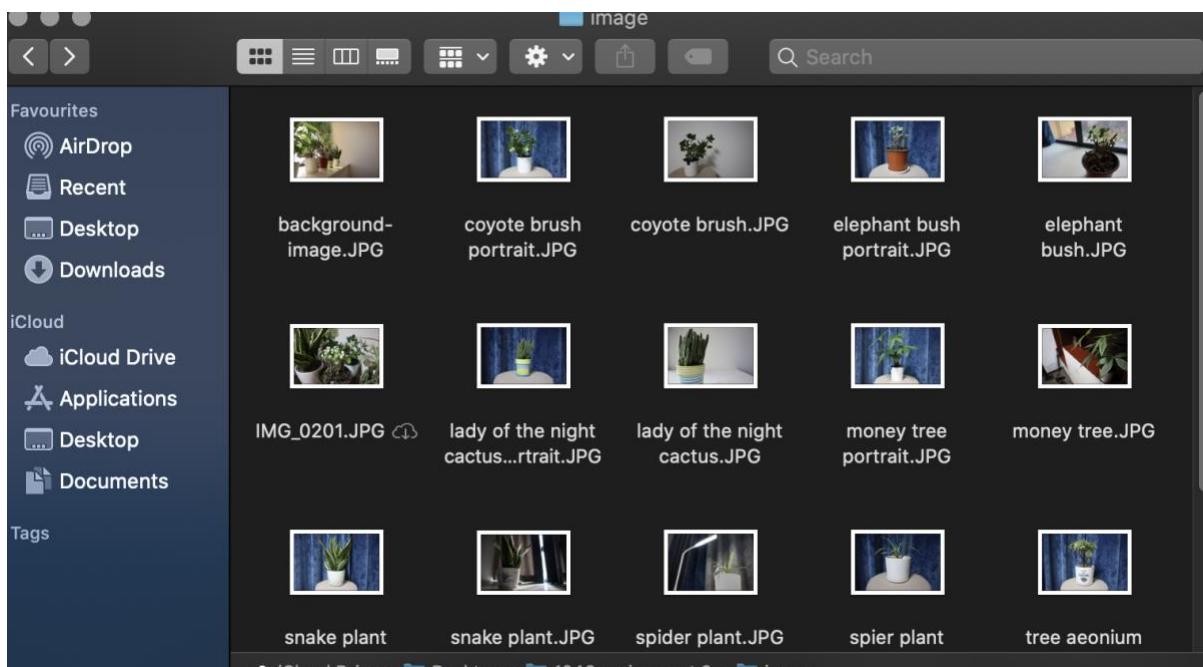
```

17 <header id="top">
18   <div>
19     <h1><a href="index.html">Plant Story</a></h1>
20
21   <nav>
22     <ul>
23       <li><a href="#">COLLECTION</a></li>
24       <li><a href="#">ABOUT PLANTER</a></li>
25
26     </ul>
27   </nav>
28
29   <h2>Secrets Of Indoor Living </h2>
30
31   <p>A collection of houseplants by a beloved grandpa who dedicate his life
32   in raising people and plants.here is the story of his plants.
33
34   </div>
35 </header>
36

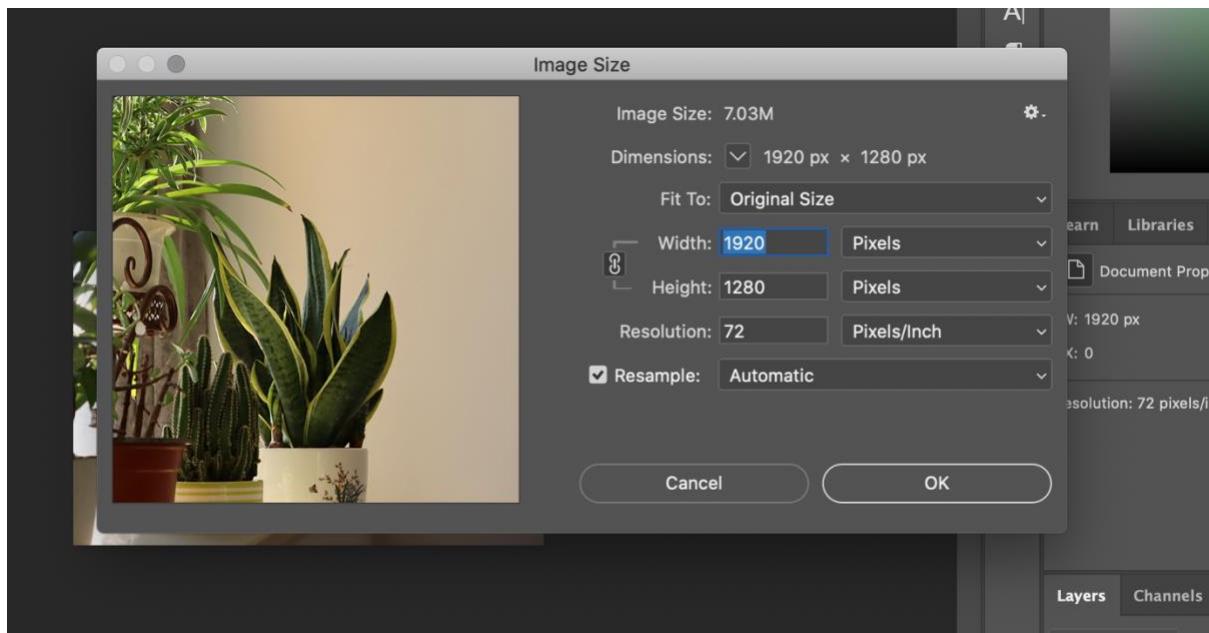
```

Before I code for the plant section. I would jump to photoshop and optimize images.

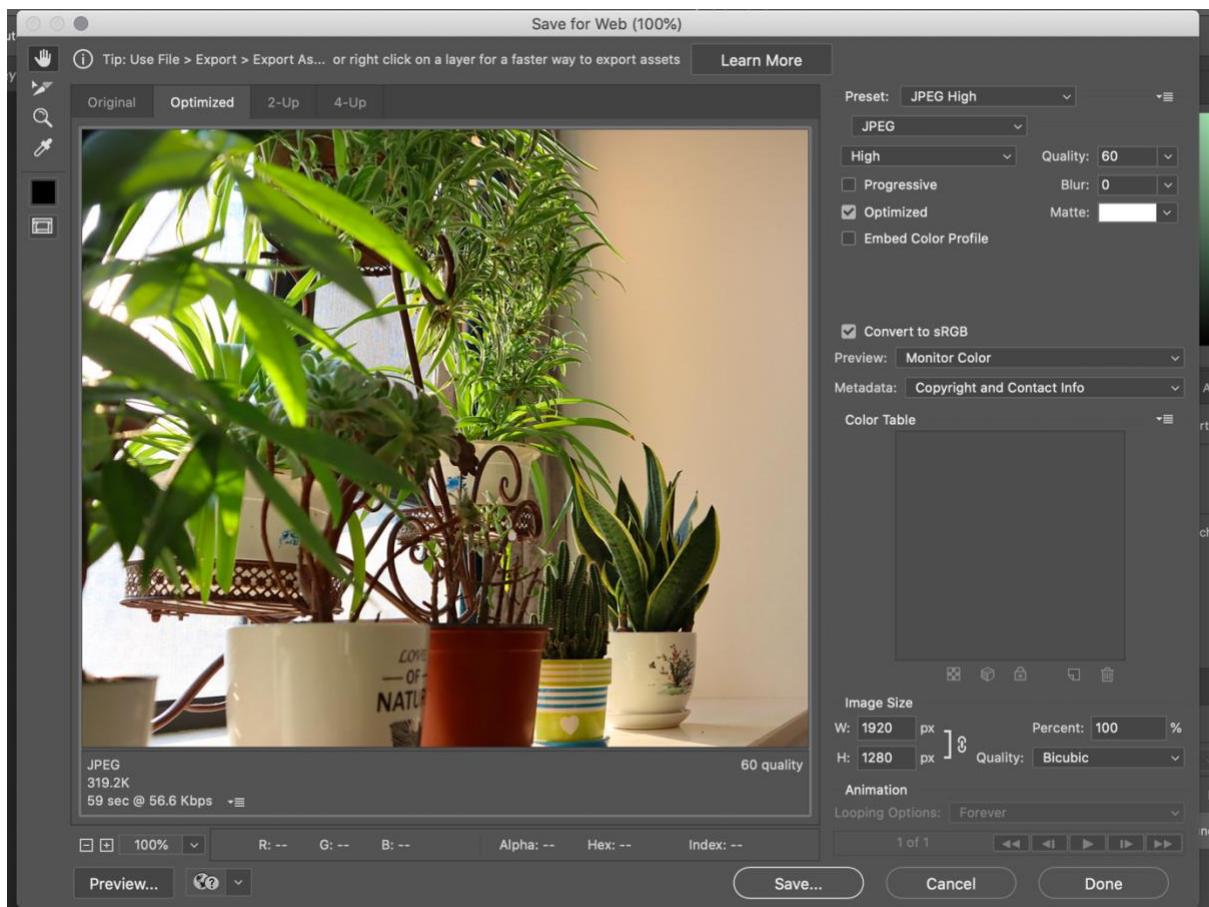
First of all, rename the images.



Resize the background images.

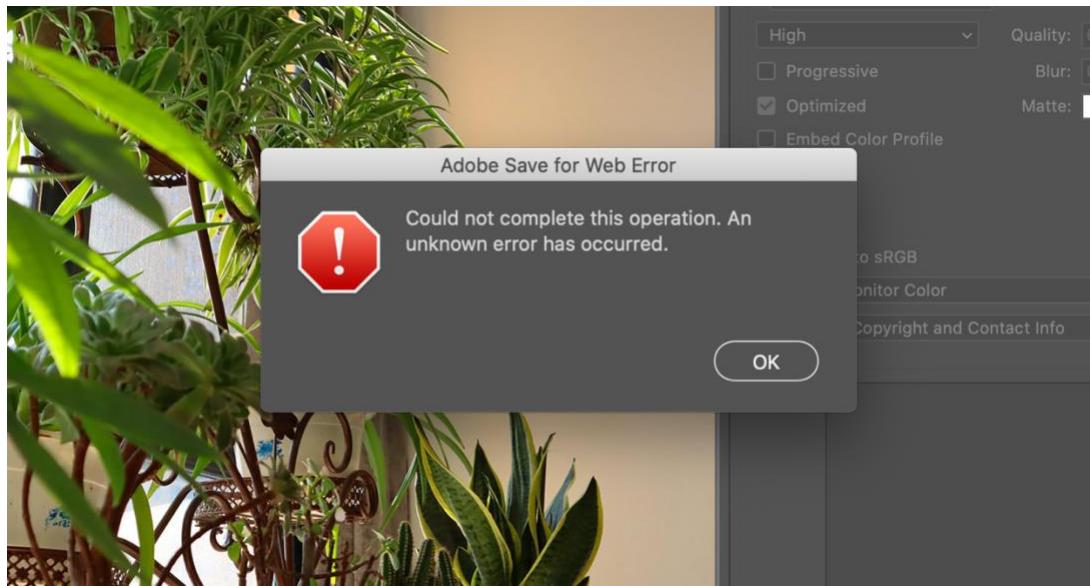


## Save for the web.



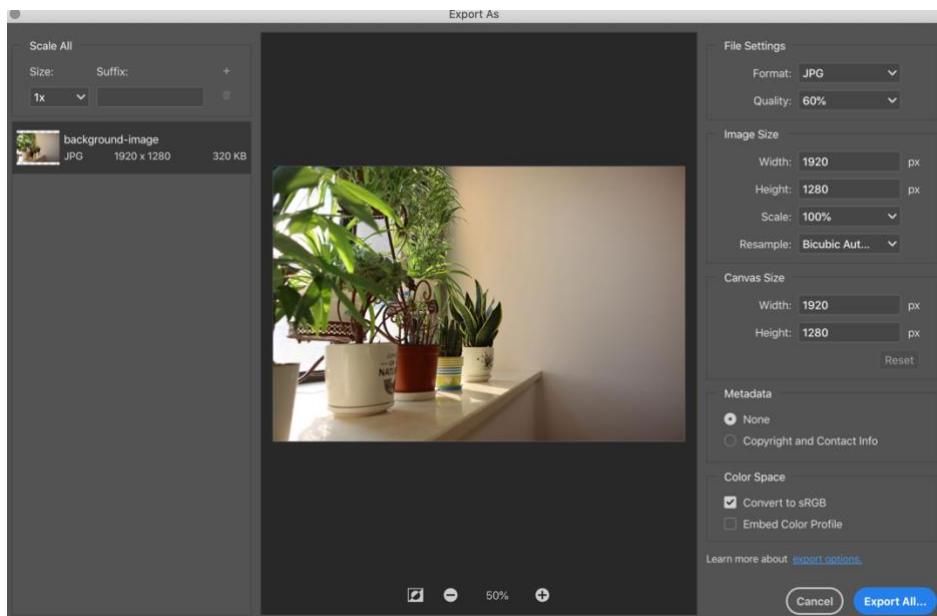
Error:

When I tried to export, there is a window popping up showing there is an unknown error. I couldn't find any way to solve this.



Therefore, I had a comparison of the image size when played with the image quality in Export As and Save for web. I found when I set the image quality to be 60%, which is the limit of optimization without clear graphic loss, the image size is nearly the same. Hence, I used the Export As tool to export the image instead.

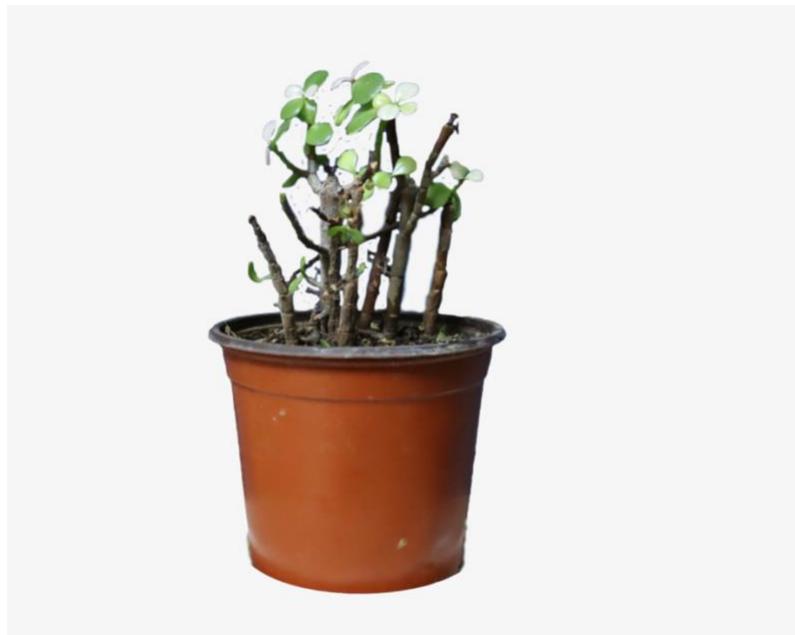
I used the same method to export the other 8 background image.



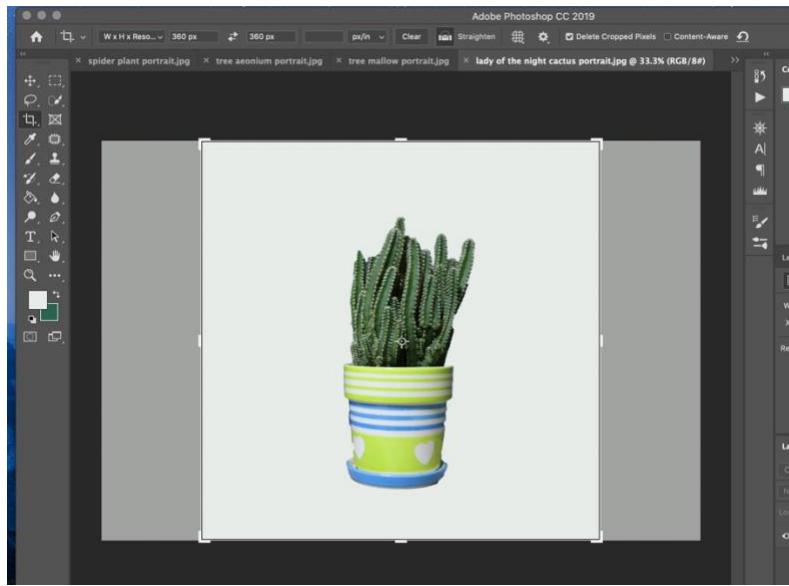
Then, it's time for the thumbnail. Load portrait image into Photoshop. To clean up the background colour. I used the smart select tool to select all the branches and leaves.



Make a mask layer to hide the unselected area.



Use the crop tool to cut the portrait into a square with 360 px on each side. Then, Export with 60% quality.



Using the same method to export 8 thumbnails.

Sava the background image in css fold and thumbnail in image folder.  
Creating a transition section with title for each object.

Then, in the plant section, I used <figure> to cover up the whole content as I want to draw a round rectangle later.

I made 8 plant sections with the same template.

```
<section id="coyote-brush-title">
<div>
  <h3>coyote brush</h3>
</div>
</section>

<section id="coyote-brush">
<div>
  <figure>
    <h3>honey fragrance</h3>
    <p>
      There was one bee groveling on my window for a whole afternoon, because
      the window is close and it can't get through. But I am pretty sure it's
      attracted by some scent. This is the smell that human can hardly notice,
      but it's the heaven to some insects. The bee knows what its desire.
    </p>
    <a href="">
      
    </a>
  </figure>
</div>
</section>
```

## The section of “About Planter”.

```
265
266 <section id="about-planter">
267 <div>
268   <h3>
269     About Planter
270   </h3>
271   <p>Youheng, a kind grandpa, former teacher, plant lover,
272 spent his whole life with education and plants.
273 He always believes raising a plant is never different with students.
274 With the efforts and patience put in, they bloom anyway.
275 For Youheng, this collection is the mix of his life stories.</p>
276
277
278 </div>
279 </section>
280
281
```

In the footer, I wanted to put some button along with a few clickable index. Plus, most importantly, the copyright.

```
281
282 <footer>
283 <div>
284   <h6><a href="index.html">Plant Story</a></h6>
285
286   <p>&copy; Collection of Youheng 2020</p>
287
288   <a href="#top" class="button">Back to top</a>
289 </div>
290 </footer>
291
292
```

Here is a peek on the website so far.

[Plant Story](#)

: COLLECTION  
ABOUT PLANTER

**Secrets Of Indoor Living**

A collection of houseplants by a beloved grandpa who dedicates his life in raising people and plants here is the story of his plants.

Coyote Bush

Honey Fragrance

"There was one bee hovering on my window for a whole afternoon, because the window is close and it can't get through. But I am pretty sure it's attracted by some scent. This is the smell that human can hardly notice, but it's the heaven to some insects. The bee knows what its desire."



elephant bush

Rainbow

"I always miss the scent of summer. The mix of mud and rain would bring the sensation of freshness. It's like a new born with the first breath of air. It blooms at sunset. I put it on the windowsill, it's like a rainbow shining after rain. Magnificent."



lady of the night cactus

Night Flower

"People don't like cactus, but I do. They tenaciously fight against the hard condition and make a living from it. I learnt the lesson from this little one. It blooms at night with no one's notice and resume after the sun rises. It doesn't shine for anyone, it blooms for itself."



## ii. Css:

Set the environment up.

```
1 ▼ * {
2     margin: 0;
3 }
4
5 header,
6 section,
7 ▼ footer {
8     padding-top: 60px;
9     padding-bottom: 70px;
10 }
```

Used the font I downloaded to make a default font of the page.  
For each transition title, I can operate in general.

```
▼ body {
    font-family: 'Quicksand', sans-serif;
    font-size: 18px;
    background-color: #fff9f1;
}

▼ h3 {
    font-family: 'Katibeh', cursive;
    font-weight: normal;
    font-size: 30px;
    text-transform: uppercase;
    color: rgb(2, 64, 26);
    text-align: center;
}
```

As the Mockup shows, there would a line under the title of the transition, so I can do this effect by “::: after”

```
28
29 ▼ h3::after{
30     content:"";
31     display: block;
32     width:1200px;
33     height: 4px;
34     background-color: rgb(2, 64, 26);
35     margin: 40px auto;
36
37
38 }
39
40
```

Here is how the transition looks like



H4 is the title of each plants, I can set the font up together.  
Then, define the page width div

```
1
2 ▼ h4 {
3     font-size: 20px;
4 }
5
5 ▼ div {
6     width: 1200px;
7     margin: 0px auto;
8 }
9
10 |
```

## Correction:

Initially, I put the navigation section within the header in html. However, there is a shortage that I can't modify the colour of the navigation individually. I took the navigation command out of the header and create a new section called "navigation" to deal with it.

```
<section id="navigation">
  <h1><a href="index.html">Plant Story</a></h1>

  <nav>
    <ul>
      <li><a href="#coyote-brush-title">COLLECTION</a></li>
      <li><a href="#about-planter">ABOUT PLANTER</a></li>

    </ul>
  </nav>

</section>

<header id="top">
```

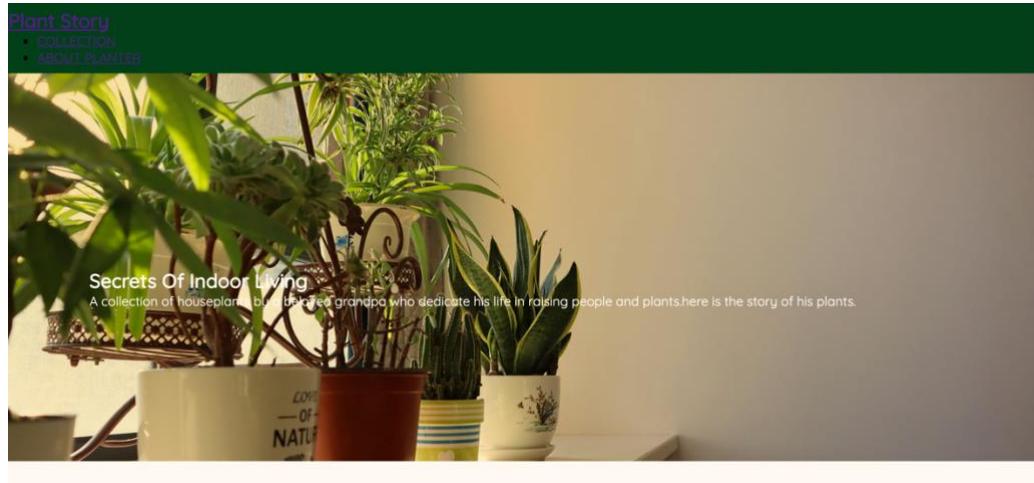
Set the navigation default.

```
49
50 ▼ #navigation {
51   background-color: rgb(2, 64, 26);
52   margin: 0px 0px;
53   background-position: center top;
54   padding-top: 10px;
55   padding-bottom: 10px;
56
57
58 }
59
```

Inside the header, it's the place where I modify the background image.

```
59
60
61 ▼ header {
62   padding-top: 270px;
63   padding-bottom: 210px;
64   color: #fff9f1;
65   background-image: radial-gradient( circle at left top, #f7de9b, #ffffff ), url(background-image.jpg);
66   background-blend-mode: multiply;
67   background-position: center center;
68   background-size: cover;
69 }
70
71
```

A rough look of the header.



Jump back to navigation section, I would like to put the Logo on the right and the navigations to the right.

```
62 ▼ #navigation h1 {  
63     font-family: 'Spirax', cursive;  
64     font-weight: bold;  
65     font-size: 30px;  
66     text-transform: capitalize;  
67     position: relative;  
68     left: 20px;  
69 }  
70  
71  
72 ▼ #navigation nav {  
73     font-size: 20px;  
74     line-height: 30px;  
75     position: absolute;  
76     top: 15px;  
77     right: 30px;  
78 }
```

There are some default decorations to the navigation list. First to remove those underlines and then display the in a line. Plus to make the navigation interactive, I used a “hover” command to make sure viewers can see the change when they move the mouse to the nav.

```
..  
80 ▼ #navigation nav ul {  
81     list-style: none;  
82 }  
83  
84 ▼ #navigation nav li {  
85     display: inline;  
86     margin-left: 50px;  
87 }  
88  
89 ▼ #navigation a{  
90     text-decoration: none;  
91     color: #fff9f1;  
92 }  
93  
94 ▼ #navigation a:hover{  
95     text-decoration: underline;  
96 }  
97 }
```

This is the navigation.

Plant Story

COLLECTION

ABOUT PLANTER

My head title is a tricky area as I would set the words to the right side of the page, which is quite different than the default with left. I come up with the idea to set the position in absolute and manually adjust its position.

```
header h2 {  
    margin-bottom: 20px;  
    position: absolute;  
    left: 850px;  
    bottom: 400px;  
    font-family:'Katibeh', cursive;  
    font-weight: 400;  
    font-size: 120px;  
    line-height: 0.8;  
    width: 550px;  
    color: rgb(2, 64, 26);  
  
}
```

Same method to modify the header paragraph.

```
header p {  
    font-family:'Katibeh', cursive;  
    font-size: 36px;  
    width: 500px;  
    position: absolute;  
    left: 850px;  
    top: 450px;  
    color: rgb(2, 64, 26);  
}
```

The full version of the header is here.



# Secrets Of Indoor Living

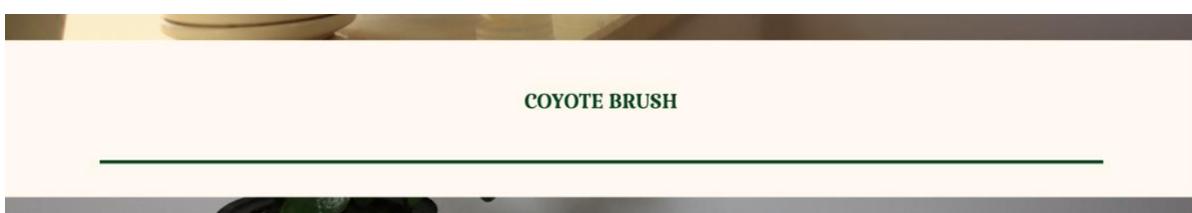
A collection of houseplants by a beloved grandpa who dedicate his life in raising people and plants. here is the story of his plants.

Here comes the moment to code for the each plant sections.

Having set the fonts for the transition, now, I would only consider the margin and padding to keep the page tidy.

```
▼ #coyote-brush-title{  
    margin: 0px;  
    padding: 60px 0px 0px 0px;  
  
}  
  
▼ #coyote-brush-title h3{  
    font-size: 36px;  
  
}
```

This the example of the transition section.



Jump into plant section.

Load the background image and set up the box.

```
#coyote-brush {  
    background-color: #aa7722;  
    background-image: url(coyote%20brush.jpg);  
    background-position: center center;  
    background-size: cover;  
    padding-top: 200px;  
    padding-bottom: 300px;  
    background-attachment: fixed;  
  
}  
  
#coyote-brush figure {  
    background-color: white;  
    padding: 60px;  
    border-radius: 20px;  
    box-shadow: 0px 2px 10px rgba(0, 0, 0, 0.75);  
    position: relative;  
    margin-left: 600px;  
    margin-top: 50px;  
    width: 480px;  
    height: 240px;
```

With the portrait image loaded in html file, I could direct adjust its shape in the css file. This time, I would expect them to be shown in a circle.

After the set up, I came up with an interesting idea to put a animation effect on the circle portrait. When I move the mouse to the image, the circle would enlarge.

```
#coyote-brush img {  
    width: 120px;  
    height: 120px;  
    border-radius: 80px;  
    border: 5px solid rgb(2, 64, 26);  
    position: absolute;  
    top: 30px;  
    right: 60px;  
}  
  
.coyote-brush img:hover {  
    transform: translateY( -20px ) scale( 1.05 );  
}  
  
.coyote-brush img {  
    transition: 0.5s ease-in-out;  
}
```

Still the same way to find the best position for the title and paragraph as what I did in the header.

```
▼ #coyote-brush h4 {  
    width: 300px;  
    position: absolute;  
    top: 50px;  
    right: 200px;  
    font-size: 30px;  
    font-family: 'Merienda One', cursive;  
    color: rgb(2, 64, 26);  
  
}  
  
▼ #coyote-brush p {  
    width: 300px;  
    position: absolute;  
    top: 120px;  
    right: 200px;  
    font-size: 16px;  
    font-family: 'Open Sans', sans-serif;  
    color: rgb(2, 64, 26);  
  
}
```

Another little interaction. When the mouse moves to the paragraph of each plants. There will be an underline showing up.

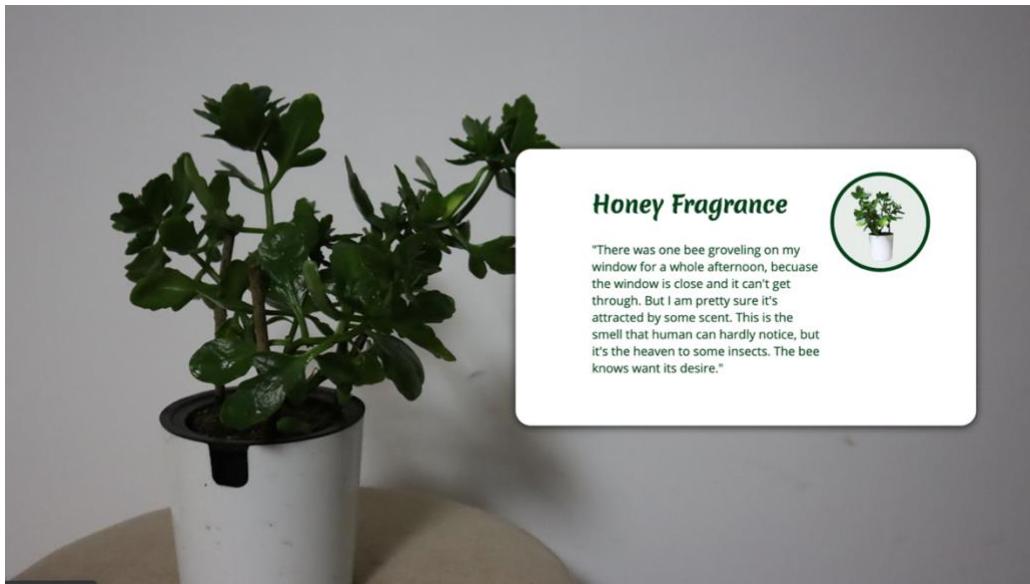
```
▼ #coyote-brush p:hover{  
    text-decoration: underline;  
}
```

A little change here to the html file. I wanted to put a hyperlink to the box so that it wouldn't seem to be odd. In each plant section, between <div> and <figure> I dropped a <a href="">.

```
<section id="coyote-brush">  
<div>  
    <a href="">  
        <figure>  
            <h4>Honey Fragrance</h4>
```

Final design of one of the plant sections is shown below.

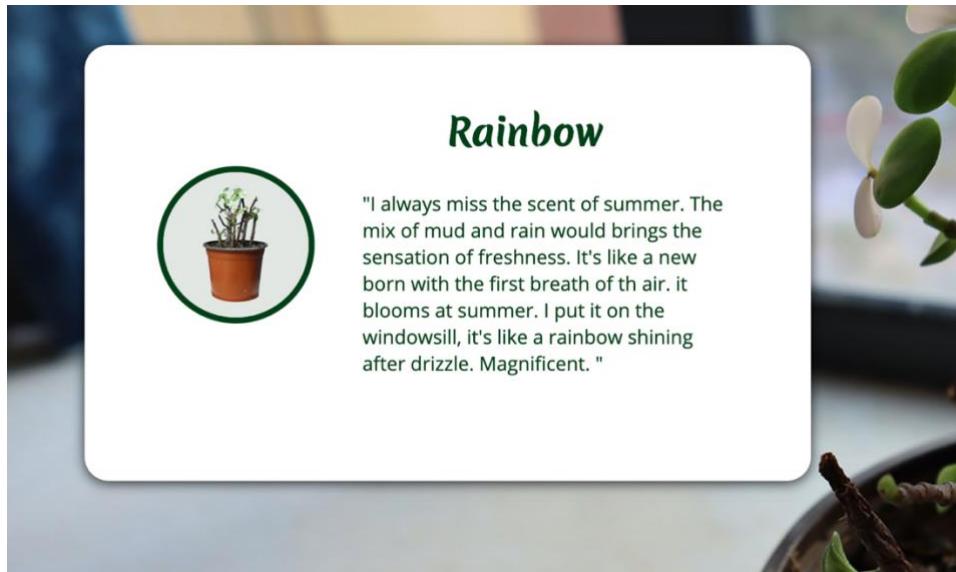
Since the whole 8 plant sections are in the similar design, and they are nearly following the same procedure. I skipped the detailed descriptions of each one.



The main difference between each plant sections are the position of the box. Some are on the left and some are on the right. What I do is to change the “left” to “right”.

```
▼ #elephant-bush h4 {  
    width: 300px;  
    position: absolute;  
    top: 50px;  
    left: 300px;  
    font-size: 30px;  
    font-family: 'Merienda One', cursive;  
    color: rgb(2, 64, 26);  
}  
}
```

A little surprise I hide behind the box, I dropped a light shadow on the box to make stereo effect.



Coming to one of the last sections which is “about planter”. In this section, I introduced the planter with a brief information. It consists of a title and a paragraph. The main focus is to leave them in the middle of the page.

```
1 #about-planter{  
2     background-color: rgb(2, 64, 26);  
3     margin: 0px 0px;  
4     background-position: center top;  
5     padding-top: 10px;  
6     padding-bottom: 10px;  
7 }  
8  
1 #about-planter h3 {  
2     font-size: 36px;  
3     font-family: 'Zilla Slab', serif;  
4     color: #fff9f1;  
5 }  
6  
8 #about-planter p{  
9     text-align: center;  
0     width: 800px;  
1     color: #fff9f1;  
2     font-family: 'Montserrat', sans-serif;  
3     position: relative;  
4     left: 200px;  
5     bottom: 50px;  
6 }  
7  
8 }
```

Planter Section is like:



The last section: footer.

In this section, my thought is to include a logo, copyright, and a button that allows to jump back to the top.

Ps: the Logo is interactive and it brings users back to the top by one click.

```
79
80 ▼ footer {
81     color: rgb(2, 64, 26);
82     text-align: center;
83     padding: 10px;
84 }
85
86 ▼ footer h6, footer p {
87     margin-bottom: 10px;
88
89 }
90
91 ▼ footer h6 {
92     font-family: 'Spirax', cursive;
93     font-weight: normal;
94     font-size: 30px;
95     text-transform: capitalize;
96
97 }
98
99 ▼ footer h6 a {
100     color: rgb(2, 64, 26);
101     text-decoration: none;
102 }
103
```

Picked the good size and colour of the fonts as well as the button.

```
▼ .button{  
    font-weight: bold;  
    background-color: rgb(2, 64, 26);  
    color: #fff9f1;  
    padding: 10px;  
    border-radius: 5px;  
    box-shadow: 0px 2px 6px rgba(0, 0, 0, 0.75);  
  
}
```

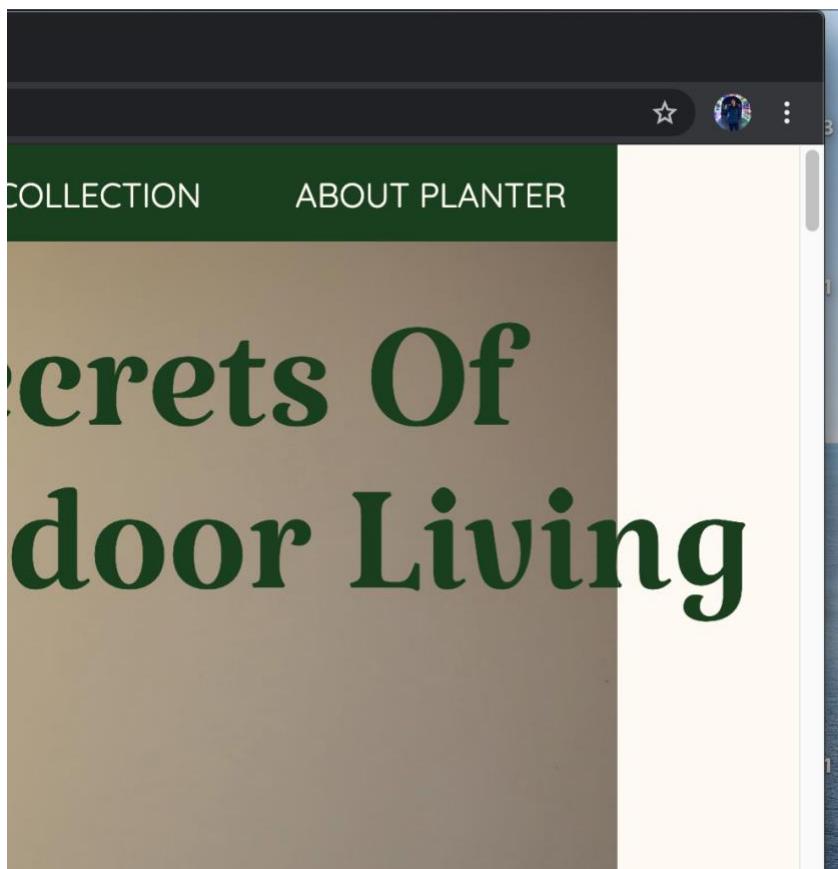
Change mind:

After the finalization of the button, I realized putting three different elements did make the page look complicated. To optimize it, I got rid of the button in the end.



## Leak:

When I was about to wrap up, I zoom out the browser, found there was a huge blank page on the right-hand side. I didn't notice this when coding as I always turned the full screen.



To fix this, I would jump to “body” and add a overflow-x as hidden.

```
▼ body {  
    font-family: 'Quicksand', sans-serif;  
    font-size: 18px;  
    background-color: #fff9f1;  
    overflow-x: hidden;|  
}
```



Keeping this problem in mind, I think it is compulsory to change the display of header content. This time I would use float to make sure it goes from the right.

```
126 ▼ header p {  
127     font-family: 'Katibeh', cursive;  
128     font-size: 36px;  
129     width: 500px;  
130     position: relative;  
131     float: right;  
132     left: 600px;  
133     bottom: 100px;  
134     color: rgb(2, 64, 26);  
135 }  
136
```

## Reference:

1. <https://www.hubspot.com/make-my-persona> (HubSpot)
2. [https://www.huffpost.com/entry/millennials-obsessed-houseplants-instagram\\_1\\_5d7a976de4b01c1970c433b9](https://www.huffpost.com/entry/millennials-obsessed-houseplants-instagram_1_5d7a976de4b01c1970c433b9) ( Why millennials are suddenly so obsessed with houseplants)
3. <https://unsplash.com/s/photos/houseplants> (pictures 1 -6)
4. [https://fonts.google.com/specimen/Merienda+One?preview.text=liter&preview.text\\_type=custom&category=Serif,Display,Handwriting&sidebar.open=true&selection.family=Merienda+One|Quicksand:wght@400;500#pairings](https://fonts.google.com/specimen/Merienda+One?preview.text=liter&preview.text_type=custom&category=Serif,Display,Handwriting&sidebar.open=true&selection.family=Merienda+One|Quicksand:wght@400;500#pairings) (font Quicksand & Merienda One)
5. [https://fonts.google.com/specimen/Zilla+Slab?preview.text=liter&preview.text\\_type=custom&category=Serif,Display,Handwriting&sidebar.open=true&selection.family=Montserrat|Zilla+Slab](https://fonts.google.com/specimen/Zilla+Slab?preview.text=liter&preview.text_type=custom&category=Serif,Display,Handwriting&sidebar.open=true&selection.family=Montserrat|Zilla+Slab) (font Montserrat& Zilla Slab)
6. [https://fonts.google.com/specimen/Katibeh?preview.text=houseplants&preview.text\\_type=custom&category=Serif,Display,Handwriting&sidebar.open=true&selection.family=Harmattan|Katibeh#pairings](https://fonts.google.com/specimen/Katibeh?preview.text=houseplants&preview.text_type=custom&category=Serif,Display,Handwriting&sidebar.open=true&selection.family=Harmattan|Katibeh#pairings) (font Katibeh&Harmattan)
7. [https://fonts.google.com/specimen/Spirax?preview.text=houseplants&preview.text\\_type=custom&category=Serif,Display,Handwriting&sidebar.open=true&selection.family=Open+Sans|Spirax](https://fonts.google.com/specimen/Spirax?preview.text=houseplants&preview.text_type=custom&category=Serif,Display,Handwriting&sidebar.open=true&selection.family=Open+Sans|Spirax) (font Spirax & Open Sans)
8. <https://coolors.co/> (Coolors)
9. <https://www.apple.com/au/music/> (Apple 1)
10. <https://www.apple.com/au/iphone-12-pro/> (Apple 2)
11. <https://www.ngv.vic.gov.au/> (NGV 1 & 2)
12. <https://www.thesill.com/> (thesill)
13. <https://www.gloomaps.com/> (Gloomaps)