



FIT3157 – Advanced Web Design
Assignment 3

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1.0 Project Overview

1.1 Overview of Project Requirements

This report will list which screen dimensions (desktop or mobile) it should be tested on, the pages we have chosen to implement for this assignment, outline our teamwork tools and practices, and any potential real issues relating to the chosen tools/practices. This report would also cover any research and conceptual development as well as the content management architecture that we have built. Lastly we will conclude on how we felt we did for our assignment and how close it was to what we thought it would look like.

1.2 Screen Dimensions and Pages Chosen

The site should be tested using **desktop** as we have chosen to develop the site using it. The reason why we chose it is because we feel that the majority of the users that would be looking at the arts festival site through a computer/desktop as it is easier.

The 2 pages types from the assignment 1 brief we have chosen are: **homepage** and the **list all festival's events**. The additional 2 pages we have implemented of the standard WordPress page types are: **single post/single page** and the **404 error page**.

1.3 Teamwork tools, practices and potential challenges

The teamwork practice methodology we have chosen to use is the **Agile Methodology**. We have chosen this methodology as it is the more common and more efficient methodology used in most project work nowadays. As this methodology is used in iterations where you meet, plan, design, develop, test and evaluate. With this methodology, we're planning to build each page at a time, designing it and adding content to it, then testing and seeing if it is up to our satisfaction before moving on to the other pages. We also plan to meet at least twice a week and adjust accordingly if there are any huge issues we come across that needs the other person's help.

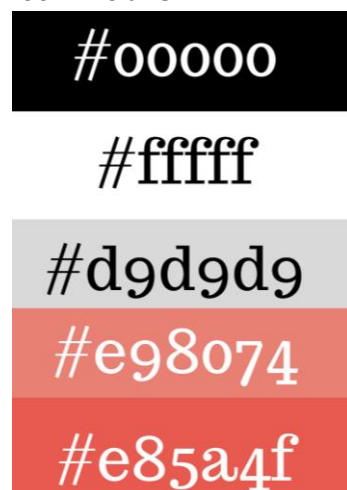
The tools that we have used are **Github, Trello, Google Drive** and communication platforms like, **Whatsapp** and **Facebook Messenger**. With Github, we are able to do our own work at our own time and not have to meet up all the time to combine our work, hence the minimum meeting of 2 times a week. With Trello and the communication platforms, we are able to keep track and update each other of our work, what needs to be done and what has been completed, so the work we have done would not clash. For Google Drive, we are able to share our documents and prototypes easily without having to meet each other.

Some challenges that we have faced are having to sync our database. With William's help, we managed to find a way to merge our databases together however, we had to export and import it everytime we made a change. Therefore, only one person would work on the database/wordpress admin site at a time and the other would work on the code at the meantime.

2.0 Research and Conceptual Development

Before we started any research for our development, we decided to take a look at each other's website, the layout, colour scheme, navigation bar and design.

For the **colour scheme**, we both agreed that Shawn's black and white colour scheme was a bit dull and decided to add a splash of colour but not too much as we want to make sure that if the events had a colourful picture, it would not clash with it. Therefore, we decided to take the 2 slightly off red colours from Chloe's website colour scheme and use those colours to highlight any hyperlinks, links to the navigation bar and to the headers style (h1, h2, etc). While the header/main background would be white, the rest of the font colours to be black and the content that would be in boxes could be any shades of light grey. Making our colour scheme to look like this:



For the **navigation bar**, we both liked and agreed to go with Shawn's design, where the logo of the company is on the left, navigation in the center and the account, cart and search buttons would be on the right. Therefore, leaving little white space on the navigation bar which would make it look neater. The navigation menu would be sticky, meaning that if the user scrolls down, the menu would follow them. Making it easier for navigation purposes.

Chloe's assignment 1 prototype:



New prototype:

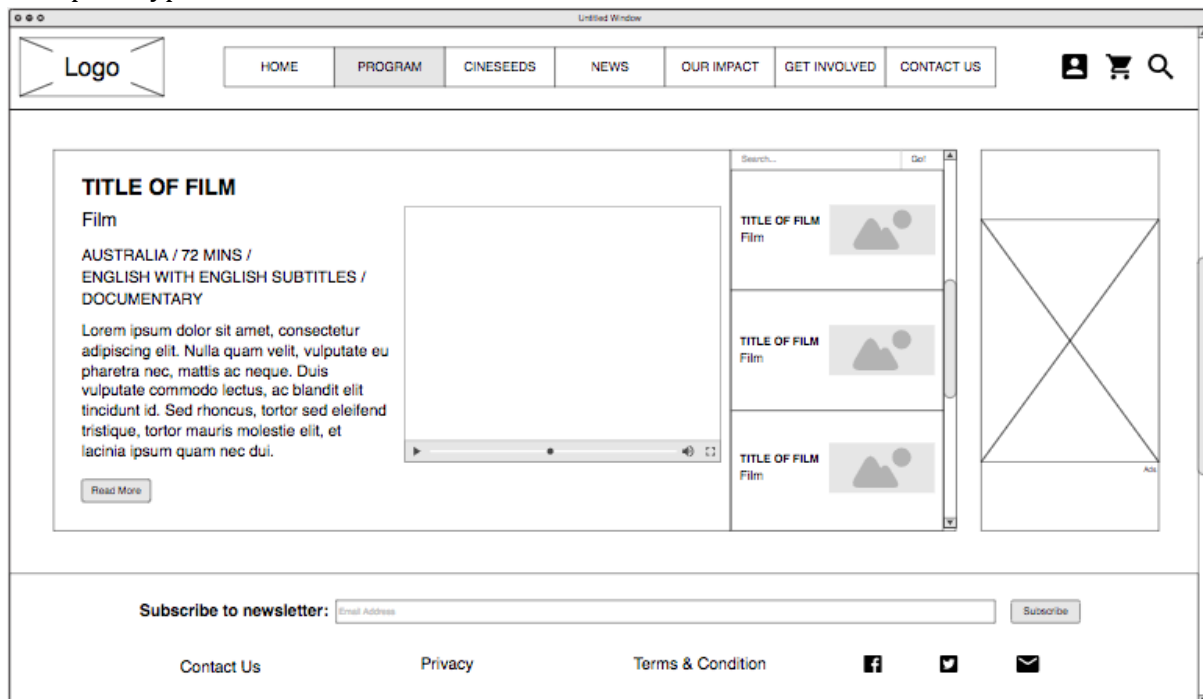


For the **layout of the list all events page**, we decided to keep it as both liked how Shawn had his content in boxes as it makes the site sleek where we could make all the content in a page and the user does not have to scroll the entire page -- a layout design that we both love.

Shawn's assignment 1 prototype:

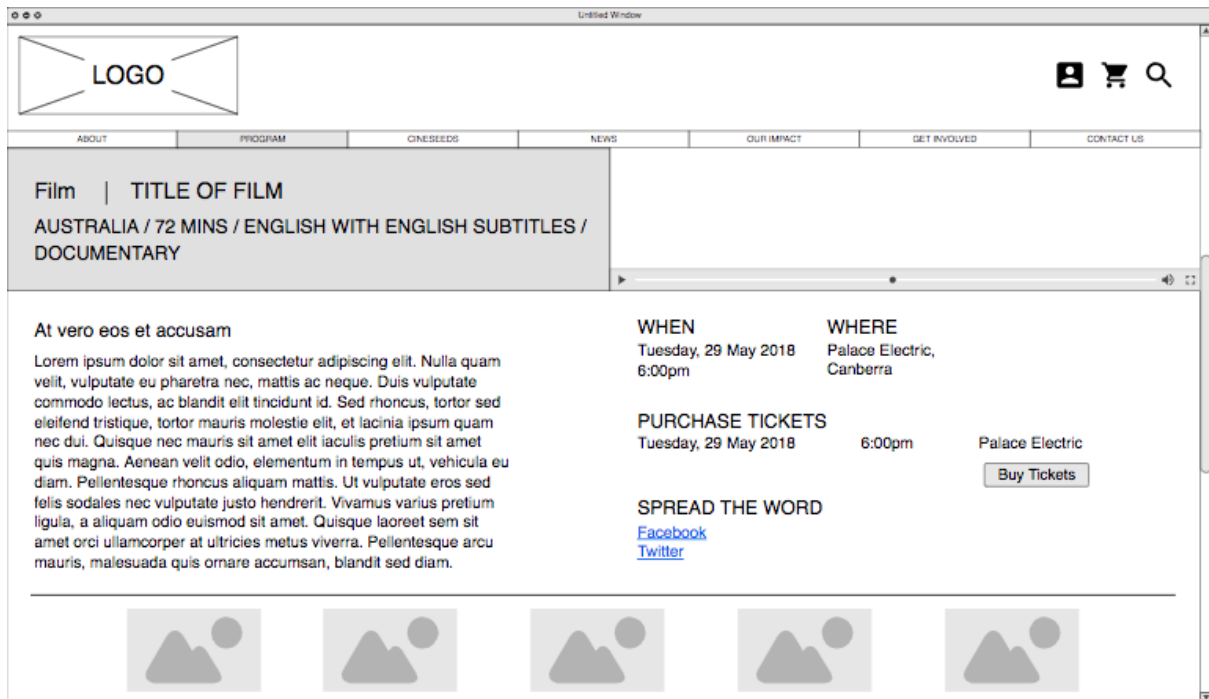


New prototype:

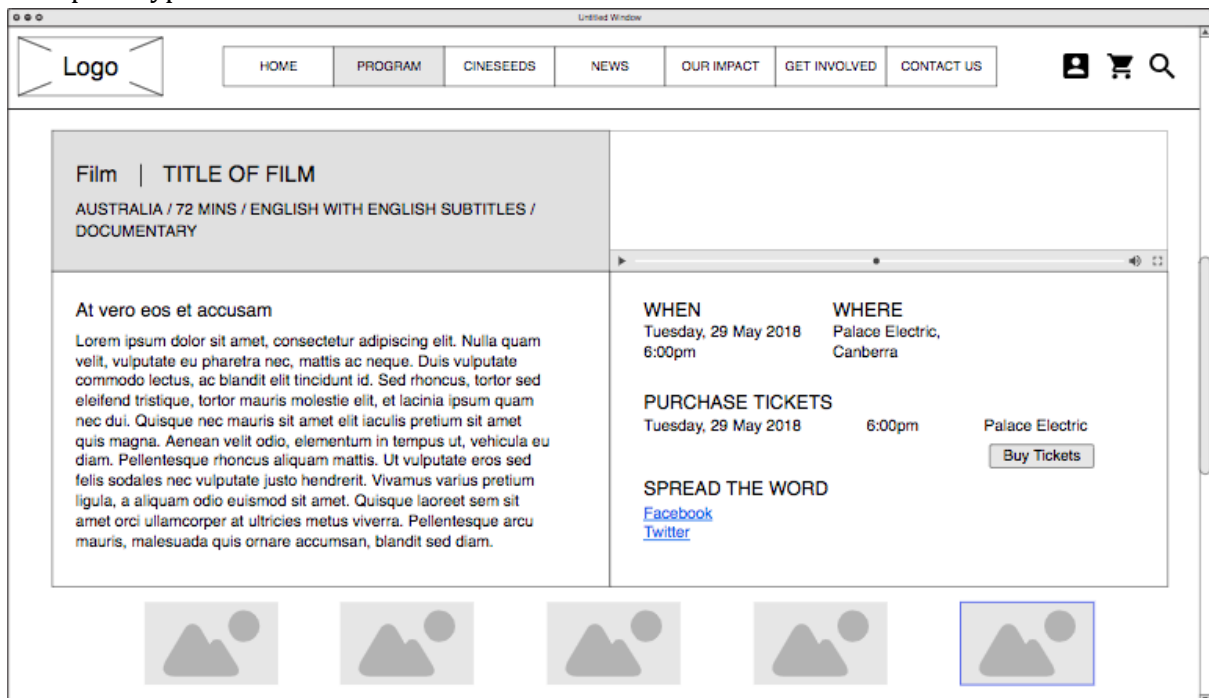


For the **layout of the single post/single page**, we decided to keep Chloe's main layout however, to make the website more together, we added 'boxes' to her current content of layout as Shawn's content were in boxes and we both liked it.

Chloe's assignment 1 prototype:

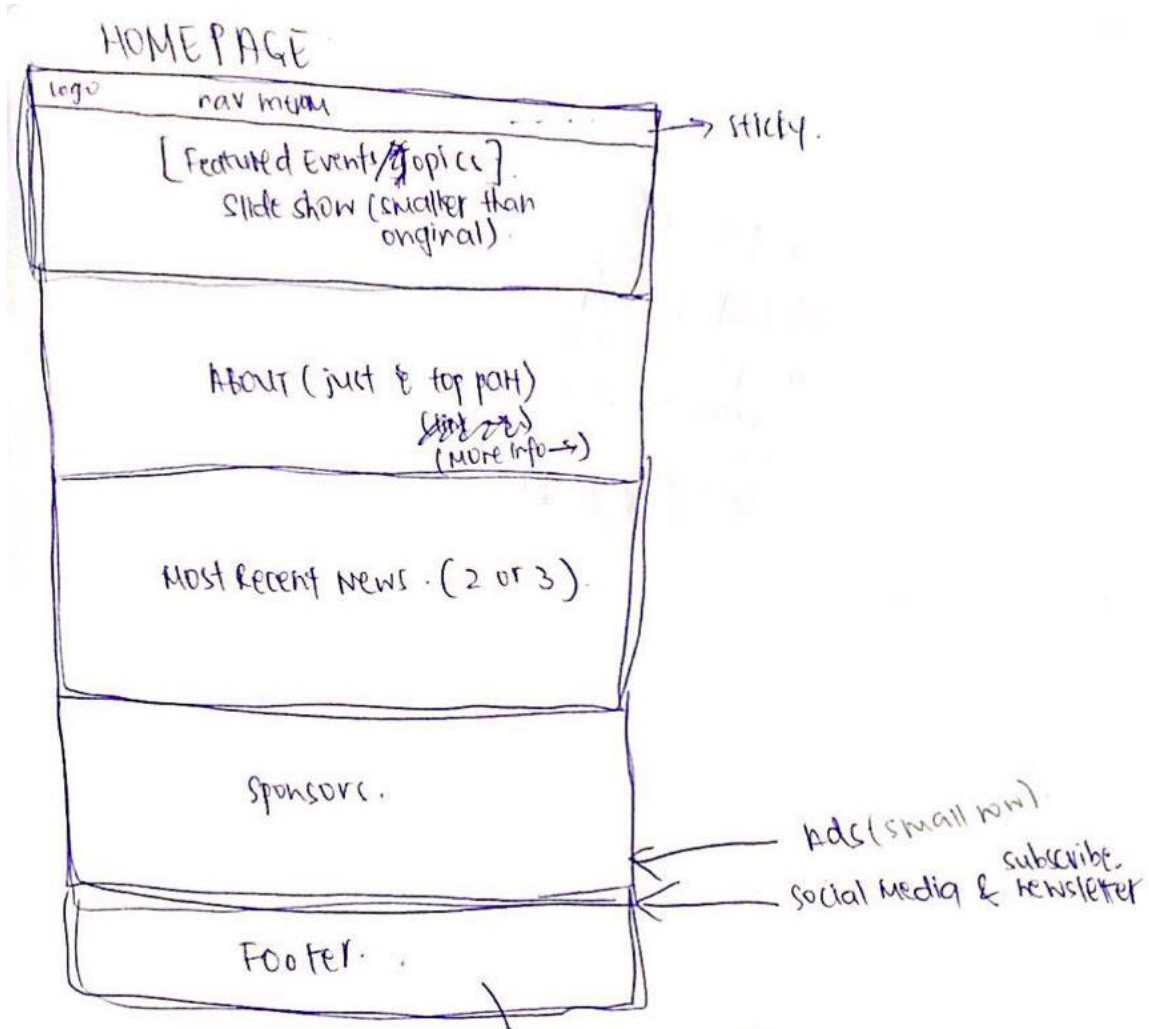


New prototype:

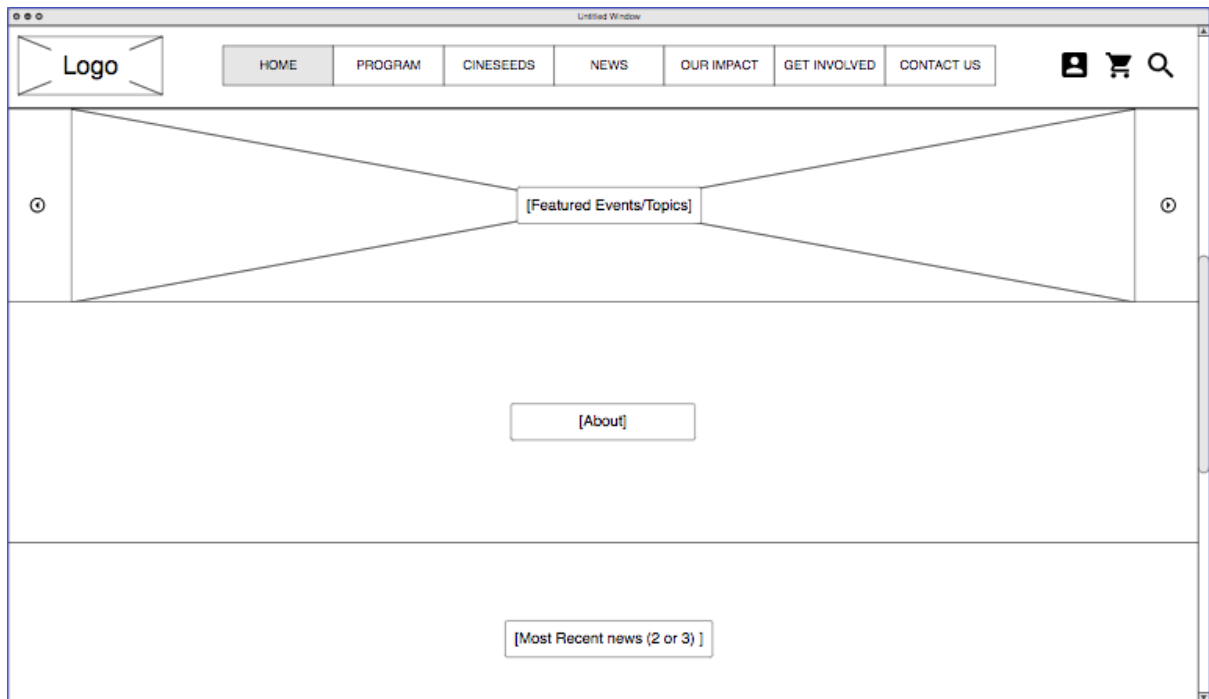


For the **homepage**, we decided to have the same layout where we put the content into boxes. Looking at the HRAFF (Human Rights Arts & Film Festival) homepage again, we felt that their positioning/layout of the page is rather messy and does not convey what a homepage should have -- simplicity and exclusive information (that attracts user) so that the user could explore other pages more on their own. Thus, we have decided to put our layout as follows:

Low fidelity prototype:

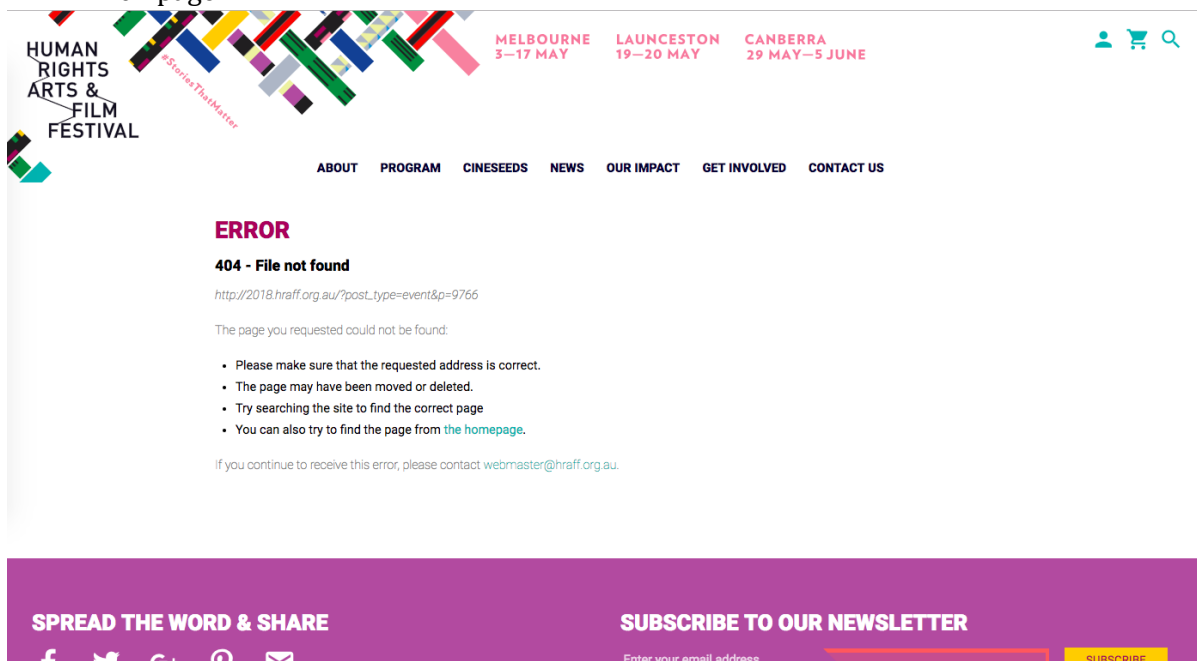


Medium fidelity prototype:

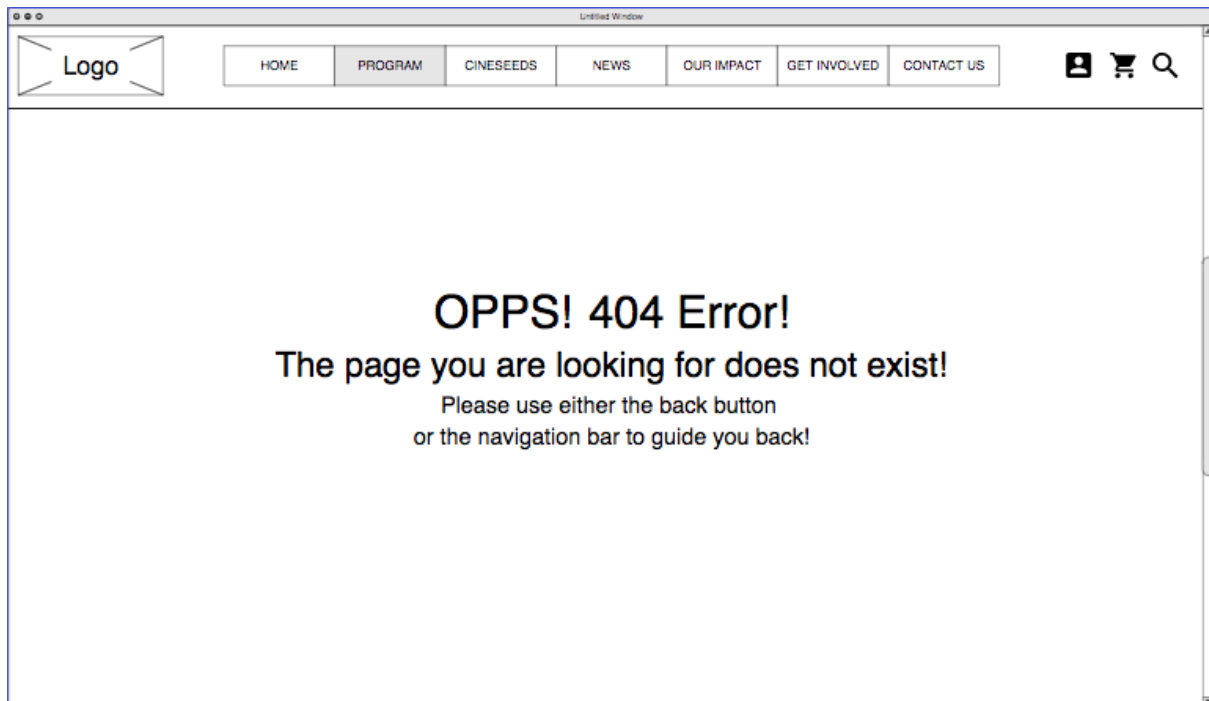


For the **404 error page**, we decided to have it similar to the HRAFF website where the navigation bar and main theme/design of the website stays, and the content to state what went wrong. Example: “404 error! Page could not be found.”

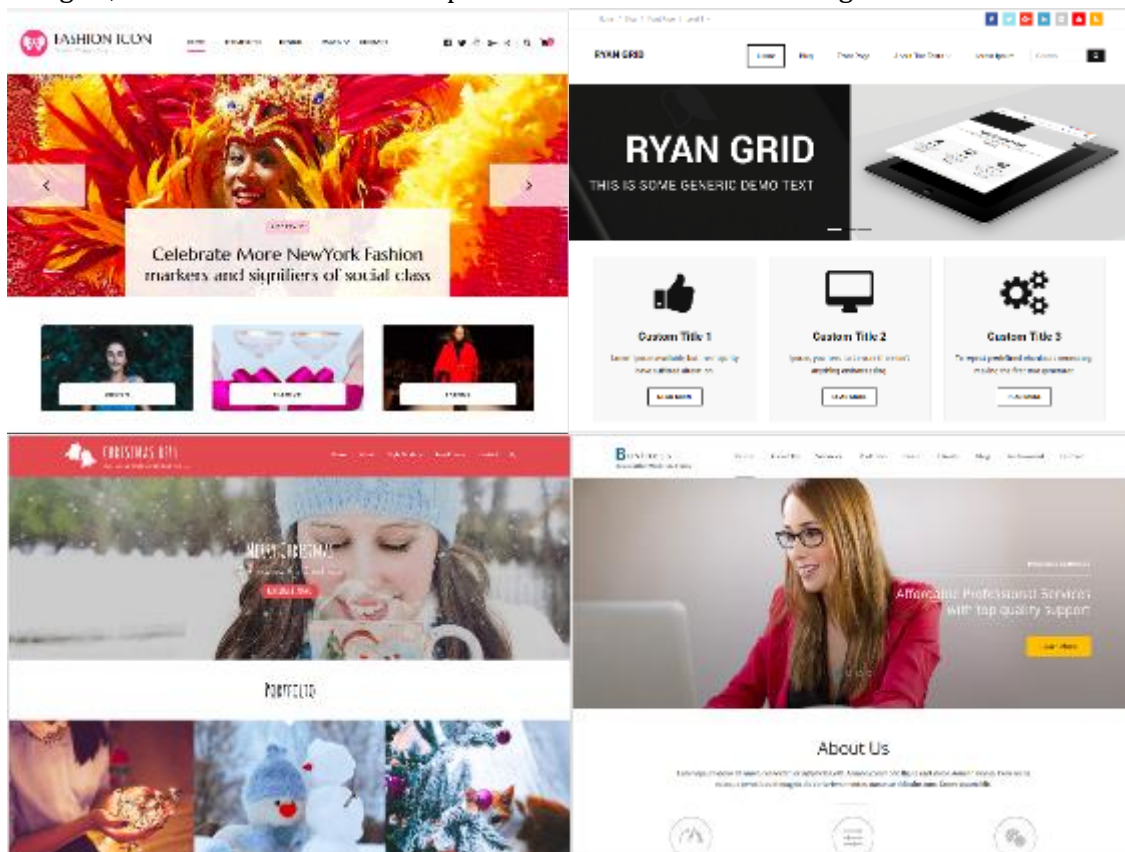
HRAFF 404 page:



Our prototype:

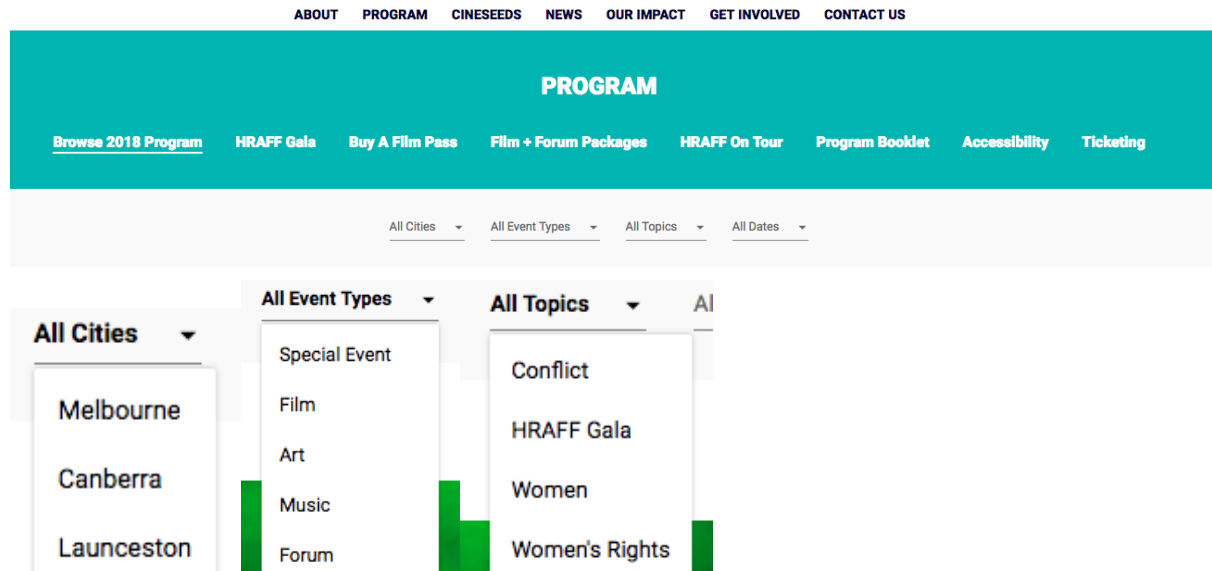


For our **overall design of the website**, we decided to take a look at Wordpress' designs and from there we can look at their code. With that, we can grab specific plugins and specific codes on how our layout and design would look like. As our website's layout would mainly be using CSS grid, some of the site below helps us visualise how we want to grid our content.



3.0 Content Management Architecture

To know how we would want to store the event data effectively, we decided to take a look at the HRAFF(Human Rights Arts and Film Festival) website's program list. In their program list, they have 4 drop-down list for users to browse what kind of categories and specific tags they have for each event.



With structure on the program list and key words, we decided that this is how we wanted our content management architecture to be like to help in information entry and storage for posting an event.

For our post types, we decided to have 3 out of the 4 they gave. Venues (for cities), Category (for event types) and Genre (for topics). The reason why we only used 3 out of the 4 is because we're going to put the dates under the category as a field.

For our taxonomies, using the names Cities, Events and Topics and attached as to what is said in the previous paragraph. Cities attached to venue, events attached to category and topics attached to Genre. Under cities, we would have the different cities where the event would held at, like Melbourne, Canberra and Launceston. For events, we would have special, film, art, music and forum. For topics, we would have conflict, HRAFF gala, women, and women's rights.

For fields, the venue would have a name and address, the category would have a name, date, time and description, and lastly, the genre would just have a name.

For easy visibility, here is an overview of our content architecture management.

Post Type:

- Venue
- Category
- Genre

Taxonomies:

- Cities (attached to Venue)

- Melbourne
- Canberra
- Launceston

Fields:

● Venues:

- Venue Name
- Venue Address
 - Address
 - Suburb
 - State
 - Postcode

● Category:

- Name
- Date
- Time
- Description

● Genre:

- Name

4.0 Conclusion

In conclusion, we think that we have done the layout and design almost as close to the prototype. One good thing was that both of us used CSS grid and did not use bootstrap grid for our assignment 1 and made it easy to implement it. However, because the number and sizes of our rows and columns were different, we had to spend time fixing and finding a good number of rows and columns to fit all the pages we were going to make.

Ultimately, even with the time constraint because of exams and exam revision, we felt that we have managed to do what we have set out to do in the beginning and complete it.

5.0 References

Project overview:

<https://linchpinseo.com/the-agile-method/>

Research and overall conceptual design:

https://2018.hraff.org.au/?post_type=event&p=9766

<https://wordpress.com/themes>

Content management and architecture:

<https://2018.hraff.org.au/program/browse-program/>

https://moodle.vle.monash.edu/pluginfile.php/7497601/mod_resource/content/3/Tutorial%2010.pdf

Images used in the website:

<https://2018.hraff.org.au/>

https://www.iconfinder.com/icons/2912351/%60404_error_page_window_icon

<https://www.kisspng.com/png-aspria-fitness-computer-icons-user-clip-art-my-acc-1270923/>

<http://mrawarti.info/pages/s/shopping-cart-circle-icon-png-29/>

Codes:

<https://www.w3schools.com/php/>

<https://www.w3schools.com/css/>

https://www.w3schools.com/css/css_grid.asp