GRIFFITH COLLEGE

Assignment Cover Sheet

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Student number: 3061003, 3048564,

Faculty: **Computing Science**

Course: BSCH-CSWD **Stage/year:** Year 1

Subject: Client Side Web Development

Study Mode: Full time X Part-time

Lecturer Name: Olivia Fortune

Assignment Title: Assignment 5: Group Project: Build a Website

No. of pages: 9

No. of words: 900

Uploaded to Moodle? Yes X No

Additional Information: (ie. number of pieces submitted, size of assignment, A2, A3 etc)

Date due: 23/5/2021

Date submitted: 23/5/2021

Please note: Students MUST retain a hard / soft copy of ALL assignments

Design description:

       The design of the website has many elements that have been well thought through by the group and each of those elements has significance. The website consists of many web pages that are easily navigable. The breakdown of the major design decisions are as follows:

- Imagery plays a big part in our design. As the website is about cooking and baking, we want users to be attracted by strong visuals and bold colours. The main colour of the website is purple, and it's meant to create a sense of harmony which we thought would attract users to spend more time on the website.
- A strong point of our design is the simplicity. The website is meant to be easy to navigate with a clear menu on the left-hand side, the menu consists of icons as well as short text description so the user understands what each web page contains.
- The menu is sticky, i.e. the user can always see it as they scroll down the page.

Diagram 1. Sticky menu

- Once the user is on a different web page (other than home), they have the option of either using the side sticky menu or clicking on the three bars on the top left hand corner that will bring them back to the previous page and, if there is none, to the home page.

Diagram 2. Three bars become an X once hovered over

- The main page is simple yet inviting using spaced-out sentences instead of a big chunk of text. There is a bit of humour introduced with a hungry and cute hamster. We have decided to include this image to invoke happy feelings in user's brain when they visit the page.

Diagram 3. Hungry hamster gif

The comment section underneath the text on the main page shows our interest in user's feedback.

- About us page is divided into three pages so the information about each of us is showed clearly with contact information and the breakdown of work.

- The African cuisine and the sweet sections are also divided into 2-3 parts. We wanted at least one recipe to have a step-by-step process shown in a short slideshow (accordion) and this is shown in the Nutella bread recipe. This is also one of our Javascript elements.

Diagram 4. Accordion recipe

- We have decided to make the webpages near transparent to showcase the background image. If the web pages consisted of text only, it would be hard for the user to focus on the content as the background image would be too distracting.

- We have decided it would be a good choice to have the background image consist of complimentary colours of purple and green.

- Most of the imagery on our website is done by us (including the logo) in order to create a sense of homeliness and we wanted to convince the users that we are genuine and honest.

- We have decided to link the social media of each of the students in the footer, so it is easy for the user to navigate and find the links (as these are present on every web page).
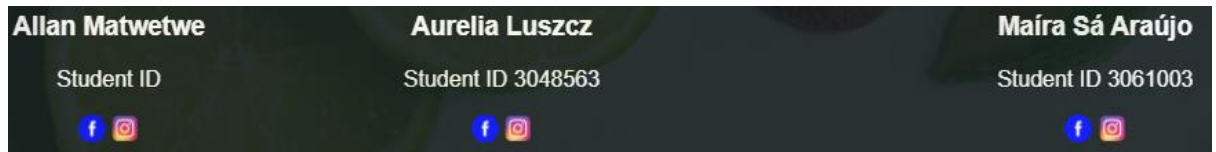

Diagram 5. Footer with student names, ID numbers and social media links.

Research:

https://stackoverflow.com/questions/12521849/how-to-embed-a-mov-file-in-html

Had issues using the code in the answer provided by @haynar above (wouldn't play on Chrome), and it seems that one of the more modern ways to ensure it plays is to use the video tag

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Example:

```
<video controls="controls" width="800" height="600"
       name="Video Name" src="http://www.myserver.com/myvideo.mov"></video>
```

This worked like a champ for my .mov file (generated from Keynote) in both Safari and Chrome, and is listed as supported in most modern browsers (The video tag is supported in Internet Explorer 9+, Firefox, Opera, Chrome, and Safari.)

Note: Will work in IE / etc.. if you use MP4 (Mov is not officially supported by those guys)

https://www.freecodecamp.org/news/css-media-queries-breakpoints-media-types-standard-resolutions-and-more/

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

https://www.fixrunner.com/how-to-fix-media-query-not-working-in-wordpress/

https://www.diffchecker.com/diff

https://www.w3schools.com/howto/howto_js_slideshow.asp

https://www.w3schools.com/howto/howto_js_hover_tabs.asp

https://www.w3schools.com/howto/tryit.asp?filename=tryhow_css_shapes_oval

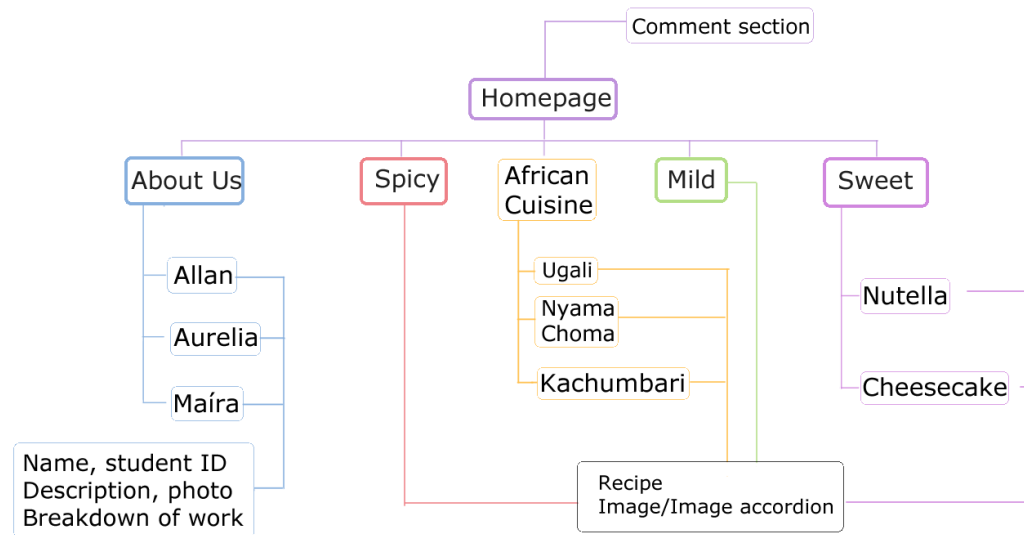https://threejs.org/docs/index.html#manual/en/introduction/Creating-a-scene

https://stackoverflow.com/questions/2117046/how-to-show-live-preview-in-a-small-popup-of-linked-page-on-mouse-over-on-link/16625709
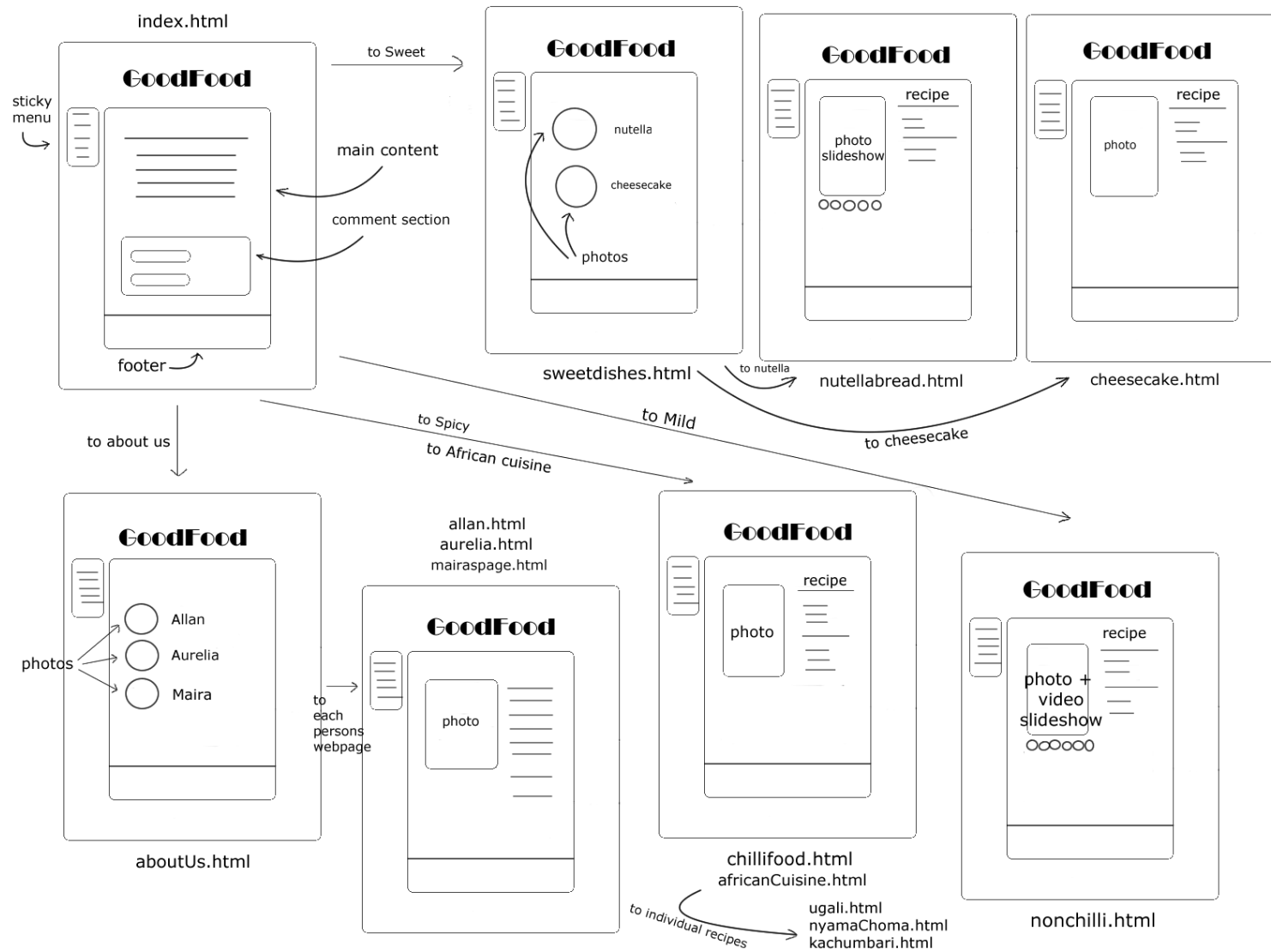
https://www.w3schools.com/howto/tryit.asp?filename=tryhow_css_menu_icon_js

Site map of GoodFood

Wireframes:

index.html

sticky menu

GoodFood

main content

comment section

footer

to Sweet

GoodFood

nutella

cheesecake

photos

sweetdishes.html

to nutella

GoodFood

photo slideshow

recipe

nutellabread.html

GoodFood

photo

recipe

cheesecake.html

to cheesecake

to Mild

to Spicy

to African cuisine

to about us

GoodFood

photos

Allan

Aurelia

Maira

aboutUs.html

allan.html
aurelia.html
mairaspage.html

to each persons webpage

GoodFood

photo

GoodFood

photo

recipe

chillifood.html
africanCuisine.html

to individual recipes

ugali.html
nyamaChoma.html
kachumbari.html

GoodFood

photo + video slideshow

recipe

nonchilli.html

Review:

Aurelia and Maíra have been committed with the webpage development since day one. They work well together and think alike. They always liked each other's ideas and try their best to implement all of them. When one could not fix a problem that occurred, the other was always ready to try fix it (and it usually worked).

The first step of the website design was deciding the theme of it and this took us an extremely short time to decide. We thought this theme would be extremely beneficial, we could showcase our cooking skills, research about colour theory and how to implement certain elements on the website to attract the user. We also thought that there were endless possibilities in this area, and we would not run out of ideas for the content. Then brainstormed to decide on the website design. As we already had an idea of what would be the rough design of the website it was easy to kickstart the project. After that it was smooth sailing; we kept sharing ideas with one another on what would make the website more interesting and responsive.

Through the lectures on Zoom we managed to work together on the same file via screen sharing. At the beginning of the project, we were all working on one file while only one person was making changes at the time (as we were still deciding on the main points of the website). We did not want to branch off into different directions if we worked separately. Also, the lecture time was valuable as Allan could not communicate with us much outside of the class. Once the main design was agreed on, we could work on our own parts for the website and share the code via GitHub while communicating via WhatsApp. We thoroughly enjoyed using GitHub; we found it extremely useful to share code with one another and any changes made have appeared on our own computer instantly.

Thanks to this project we have gained valuable experience with GitHub and we have learned to communicate with one another to complete a project together.