

Link to Git repository <https://github.com/moncrieffstrand/Project-Exam>

Link to microwebsite <http://mintfuse.no/index.html>

In this assignment I was asked to create a Website called "Good Food Mood". The website were to help people find recipes and was to be aimed at working people who are interested in eating healthy and interesting food, but don't have a lot of time to read recipe books. The site should be fun and engaging for users and guide them to take actions. The site should also have an API input for ingredients, where the user would get back a list of recipes. The site should also have a way for users to sign up for a newsletter. I were to use API to create interactive pages, and were able to search and find an API myself. The website should have a minimum of 4 pages that are responsive and should work on different platforms. JavaScript/JSON API and HTML/CSS were to be used.

The design of the website should be easy to use and conform to WCAG standards. I were also to create a functional specification document, git repository and this report for this assignment. The assignment is to be delivered as a link for the microsite and the Git repository. Zip files with all the webfiles (HTML,CSS,JS) are to be included.

I started the process with organizing the work and time. I made a Ganttchart and a functional spec document. I wanted to make sure I made enough time to design good so that the coding would go well. I followed the planned process quite accurately and that ended up going very well. The only thing i used more time than planned on, was Javascript because I did that in two go's. I did loads of JS in the beginning of the project, on the side of everything else just to make sure that I wouldn't have any problems with that in the end of the project, and not being able to fix it in time.

After all of the different tasks were organized i continued the process with doing some research on the theme of the website. Healthy food. I wanted my website to be simple, pretty and informing. The site should be in nice colors that suits with food, health, fun and active living. I found different images to choose from, and decided to go with a simple image for the background, with the image of one singel avocado with a soft, pink background. It's simple yet descriptive and it's pink background color is soft but eyecatching. I wanted the site to be as simple as eating healthy should be, not stressing out the users or confuse them.

When having chosen the background image I started to look at colorpaletts. I wanted the colors that are shown in the image to match the colors in the design, and so I went with the palett as shown under. The fonts are simple and direct, as the rest of the design.

STYLETILE



RGB 166, 128, 142
HSV 338, 23, 65
CMYK 0, 23, 14, 35
LAB 58, 17, -2

RGB 242, 189, 208
HSV 338, 22, 95
CMYK 0, 22, 14, 5
LAB 82, 22, -2

RGB 147, 166, 3
HSV 67, 98, 65
CMYK 11, 0, 98, 35
LAB 65, -24, 66

RGB 217, 209, 95
HSV 56, 56, 85
CMYK 0, 4, 56, 15
LAB 82, -12, 56

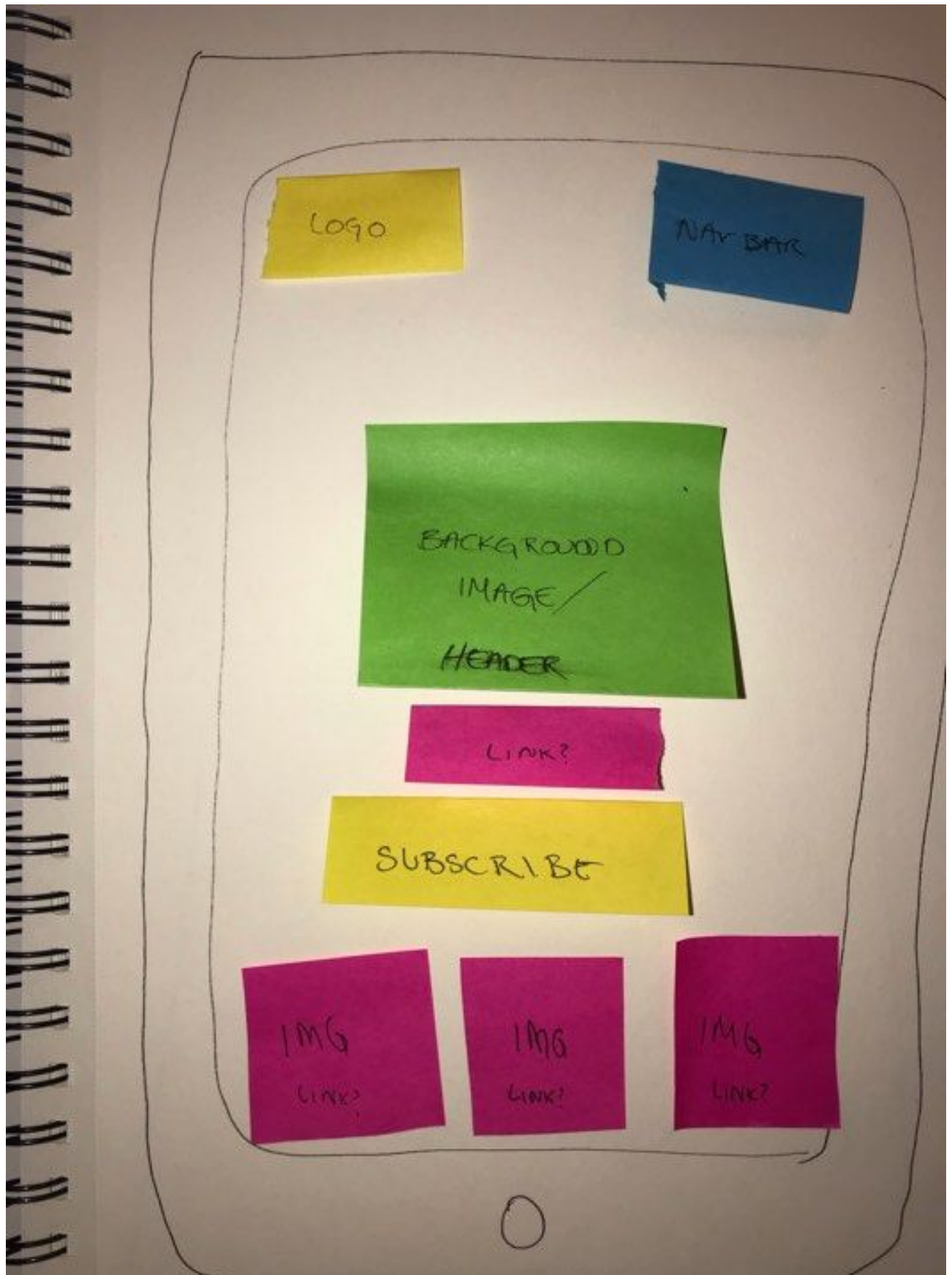
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LAB 100, 0, 0

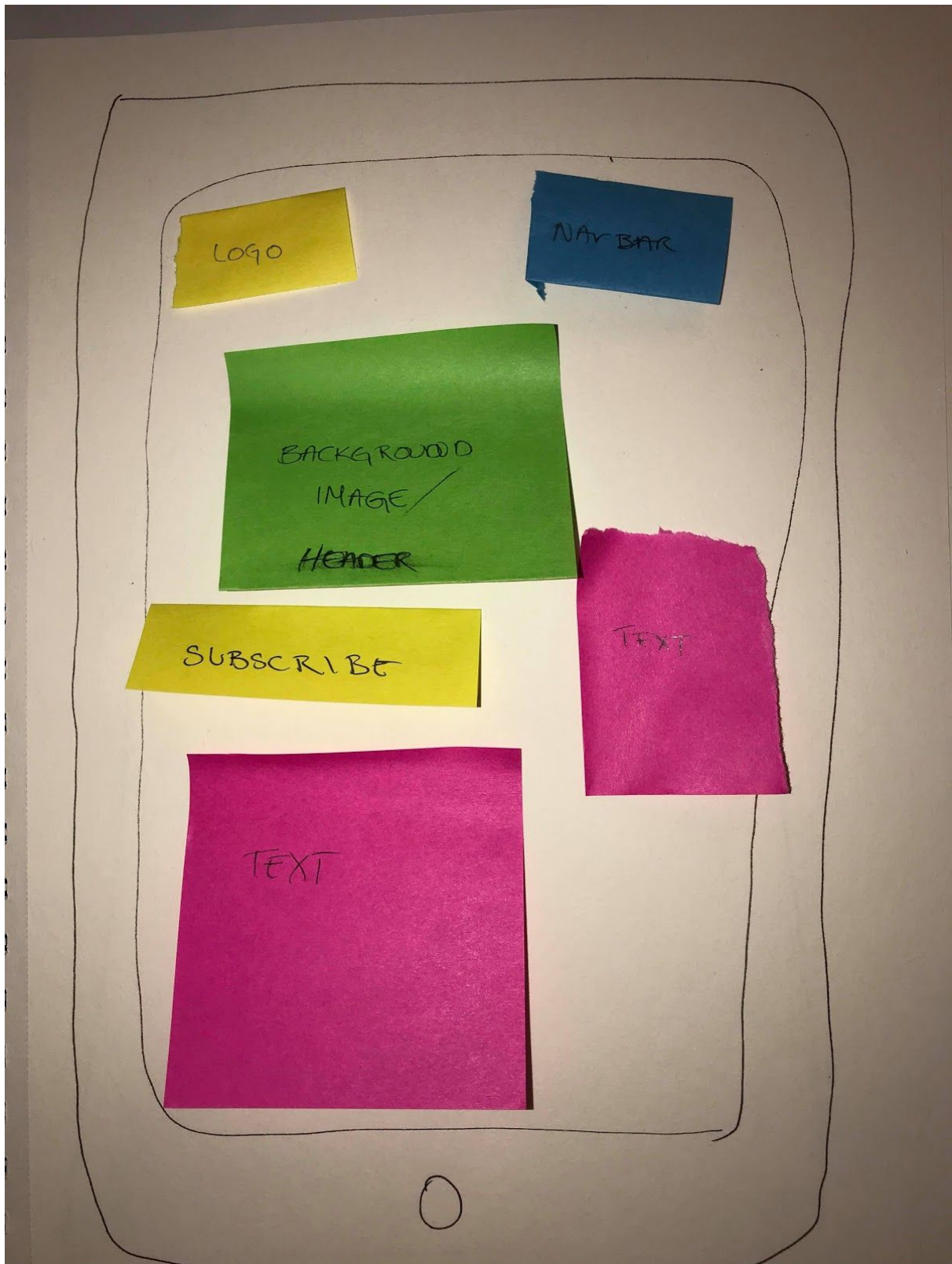
GOOD FOOD MOOD

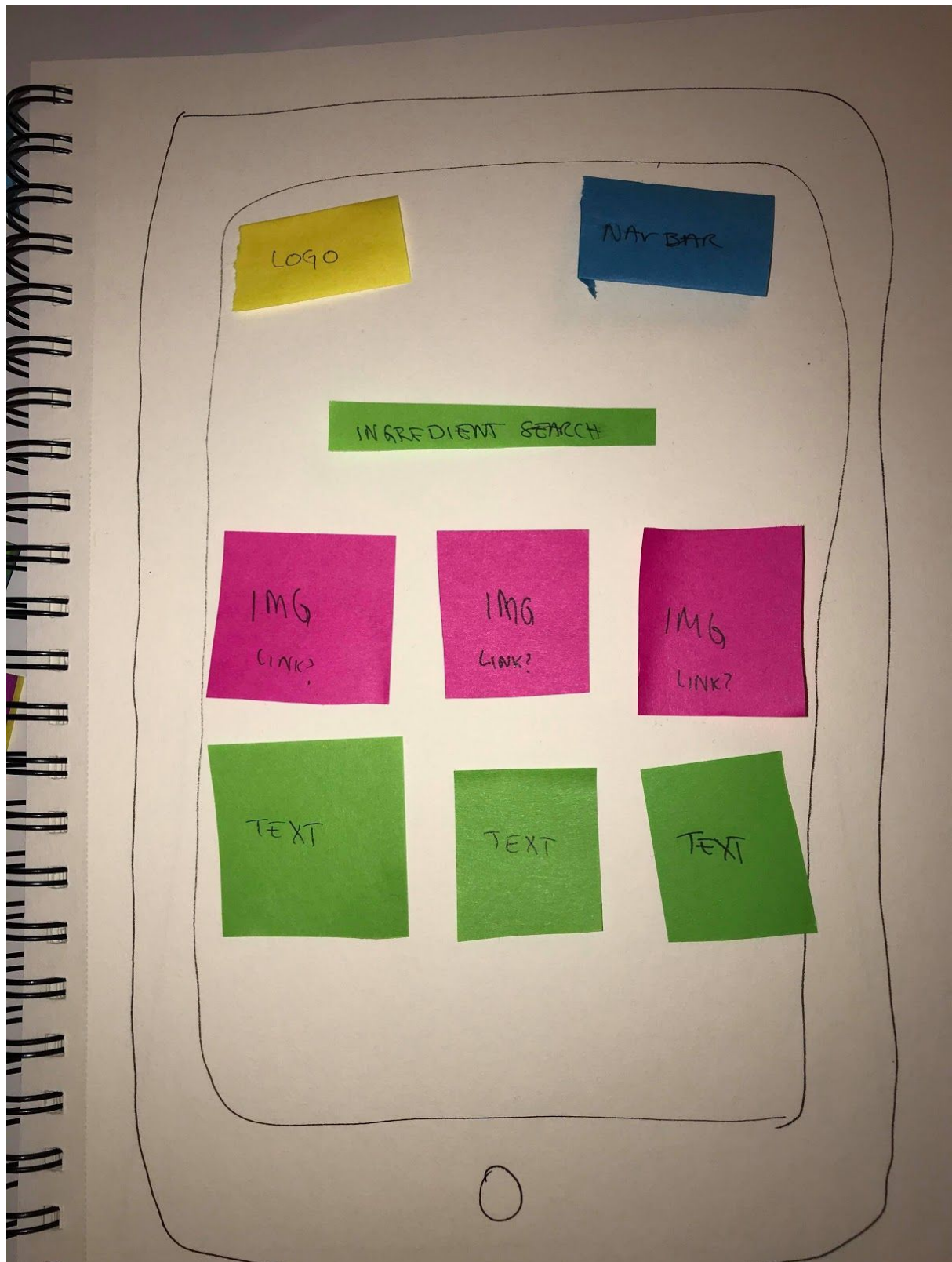
Find Recipes

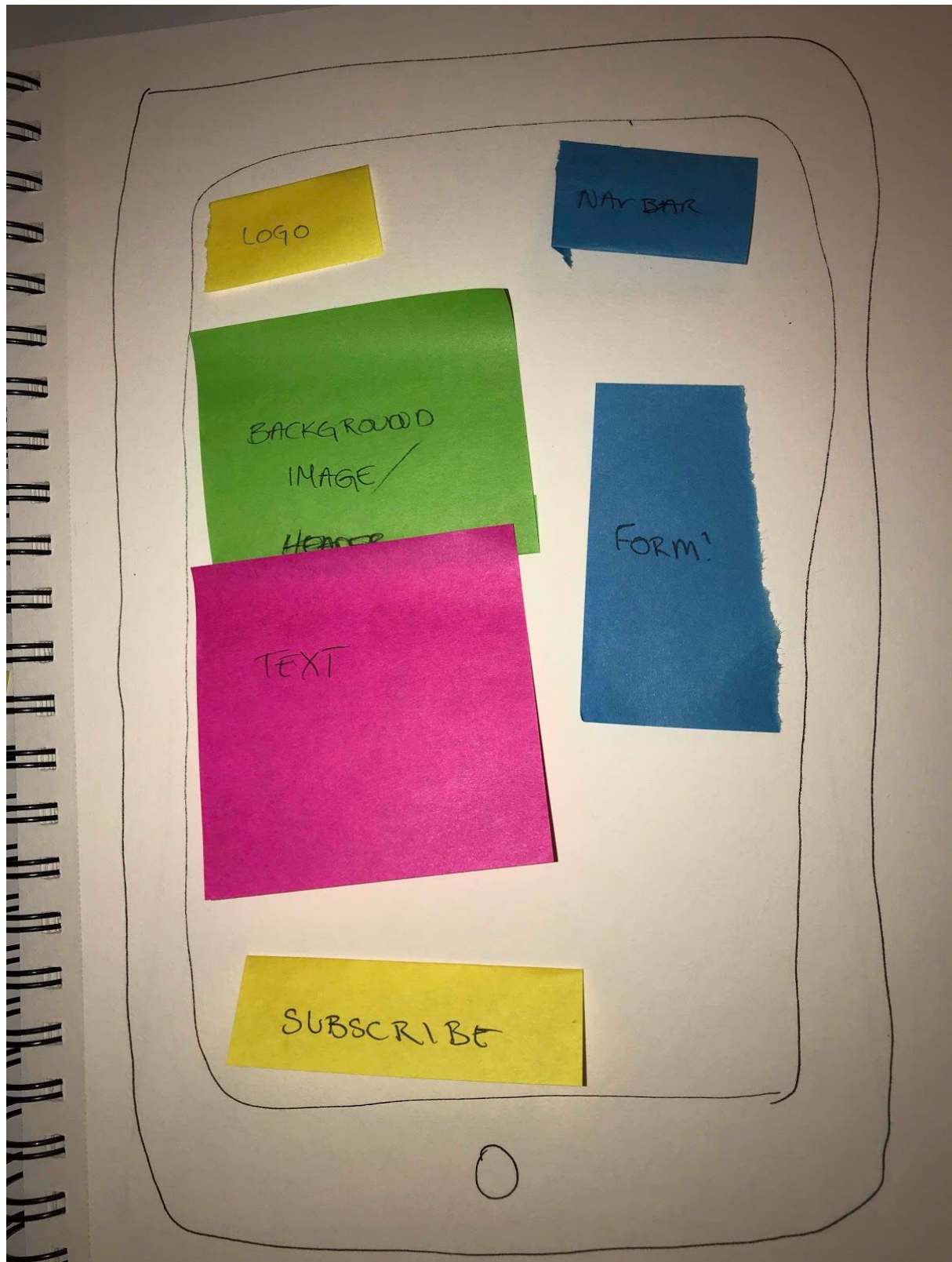
HEADER
NAVIGATION

When the colorpalett and the background image was decided on, I started to make some desktop prototypes for the layout. I wanted four pages, one index, one for Recipes, one Contact page and one informative About page. The avocado image was to be the “red thread” throughout the site. From there I created a simple paper wireframe of the different pages. I wanted the navbar to be the same in all 4 pages, as well as the logo in the high left side of the page. The background image would be the same in the pages except the page for recipes, where the searchbar and other images would be in focus. I did user research by showing the styletile and wireframes to two potential users and the feedback I got from them was to not include too much text on the pages, which I listened too and ended up with not having much for the user to read.









After having landed the layout and colors, I found a API I wanted to use. The API was for healthy food recipes with a lot of different choices and images of each dish. I had to work alot to understand the API concept, because it's been one of the things I have had problems with understanding, and it's been a while since I have learned about it. I managed to understand the concept and make the API work on my webpage and was very pleased by that.

The target audience for this website is both female and males, aged 18-60 years old, working professionals who wants to stay healthy in one or another way. Wether it would be starting to eat healthy for the first time in their life or having been living a healthy lifestyle for years and just wanting to explore different ways of making healthy foods. The target audience would have some technical knowlage but the simplicity of the website don't require much knowlage to use. Therefore people in their 50's and 60's wouldn't have any problems finding good recipes on "Good Food Mood". I made 3 different personas for the website, which portraits the types of users my website would potentially have. A personal trainer with some knowlage of healthy foods, A familyman that loves the active lifestyle and a working woman trying to take care of herself as she grows older. All of these personas are potential users of a recipe website for healthy foods.

KIM ANDERSEN



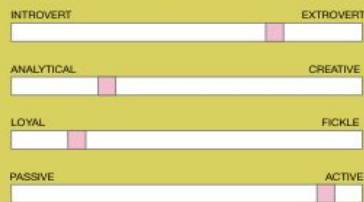
«I'm looking for a website that can simplify my day-to-day life with easy-to-make, healthy recipes for me and my clients.

BIO

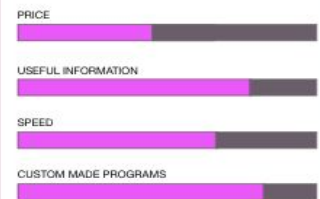
Kim is a 33 year old personal trainer who has been living a healthy lifestyle as long as he can remember. He works out 6-7 times a week and healthy living is his passion. He doesn't have any nutritional competence and seeks knowledge online as he doesn't have time to read books about health and food. He often gets tired of eating the same

GOALS

- To spend less time looking for recipes
- To gain new knowledge about nutrition
- To have more competence beneficial to his clients

PERSONALITYFRUSTRATIONS

- Too detailed recipes
- Too time-consuming recipes
- Too many choices, unclear information

MOTIVATIONS

AGE: 33 YEARS OLD

WORK: PERSONAL TRAINER

FAMILY: SINGLE, NO CHILDREN

LOCATION: STOCKHOLM, SWEDEN

HARD WORKING

PRO ACTIVE

KNOWLEDGE SEEKING

DIRECT

JØRGEN GANNI



«I would like to become more creative in the kitchen and learn more about healthy, vegan dishes from all around the world.»

AGE: 29 YEARS OLD

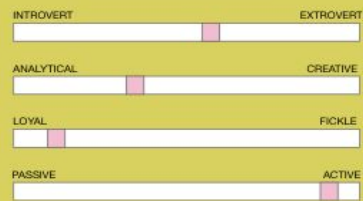
WORK: ECONOMICAL ADVISOR

FAMILY: MARRIED, NEWBORN DAUGHTER

LOCATION: SENJA, NORWAY

BIO

Jørgen is a 29 year old ski enthusiast from Norway. He works as a economical advisor and spends all of his free time on his cabin with his wife and daughter. He is active and healthy, and his wife shares the healthy lifestyle he loves to live. His wife and him recently became Vegan and therefore they are new to the vegan lifestyle. He is professional and does everything in life thoroughly.

PERSONALITY

PATIENT

ACTIVE

PROFESSIONAL

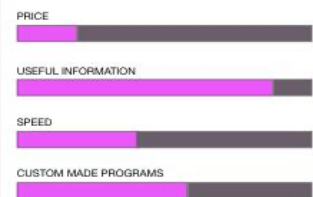
WARM

GOALS

- To learn more about Vegan living
- To become more creative in food making
- To find simple dishes that could be made on a trip with minimal supplies.

FRUSTRATIONS

- Too much information to consume
- Unclear directions
- Repetition

MOTIVATIONS

ANN-KARIN SVENDSEN



«I want to focus on myself and on improving my health. I need help and directions to make good decisions.»

BIO

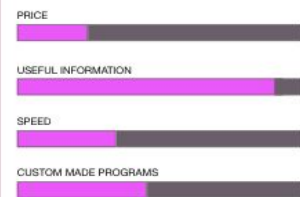
Ann-Karin is a 49 year old geography teacher. She is divorced and has 3 adult children. Ann-Karin enjoys quiet walks with her small dog, Kaiser. She wants to live a long life and therefore has recently stopped smoking, and is looking for help to eat and live healthier than she has done the last years of her life. She wants to start focusing on herself.

GOALS

- Be healthier
- Learn basics about healthy living
- Get in better shape with more regular workouts

PERSONALITYFRUSTRATIONS

- Too advanced websites
- Too many choices
- Not detailed enough descriptions

MOTIVATIONS

AGE: 49 YEARS OLD

WORK: GEOGRAPHY TEACHER

FAMILY: DIVORCED, 3 ADULT CHILDREN

LOCATION: LONDON, UK

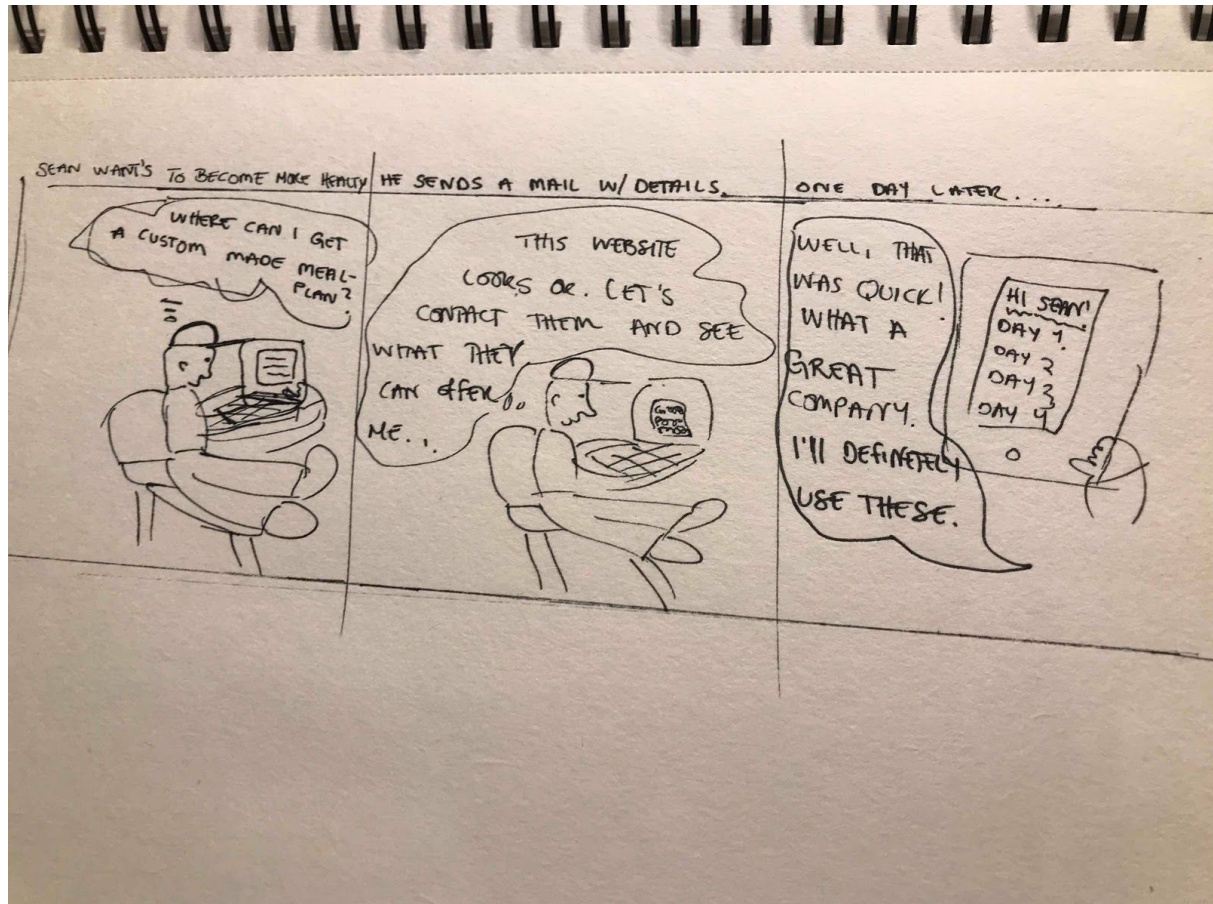
QUIET

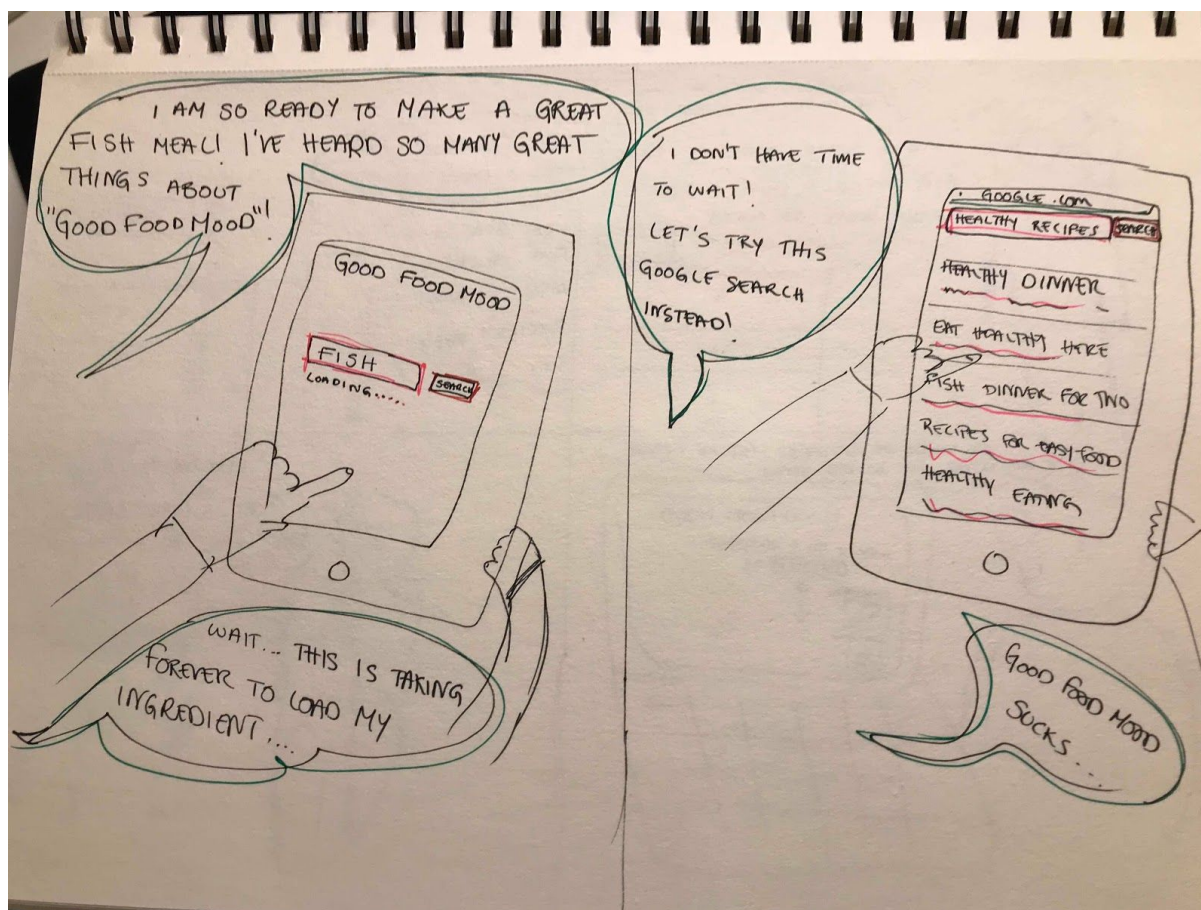
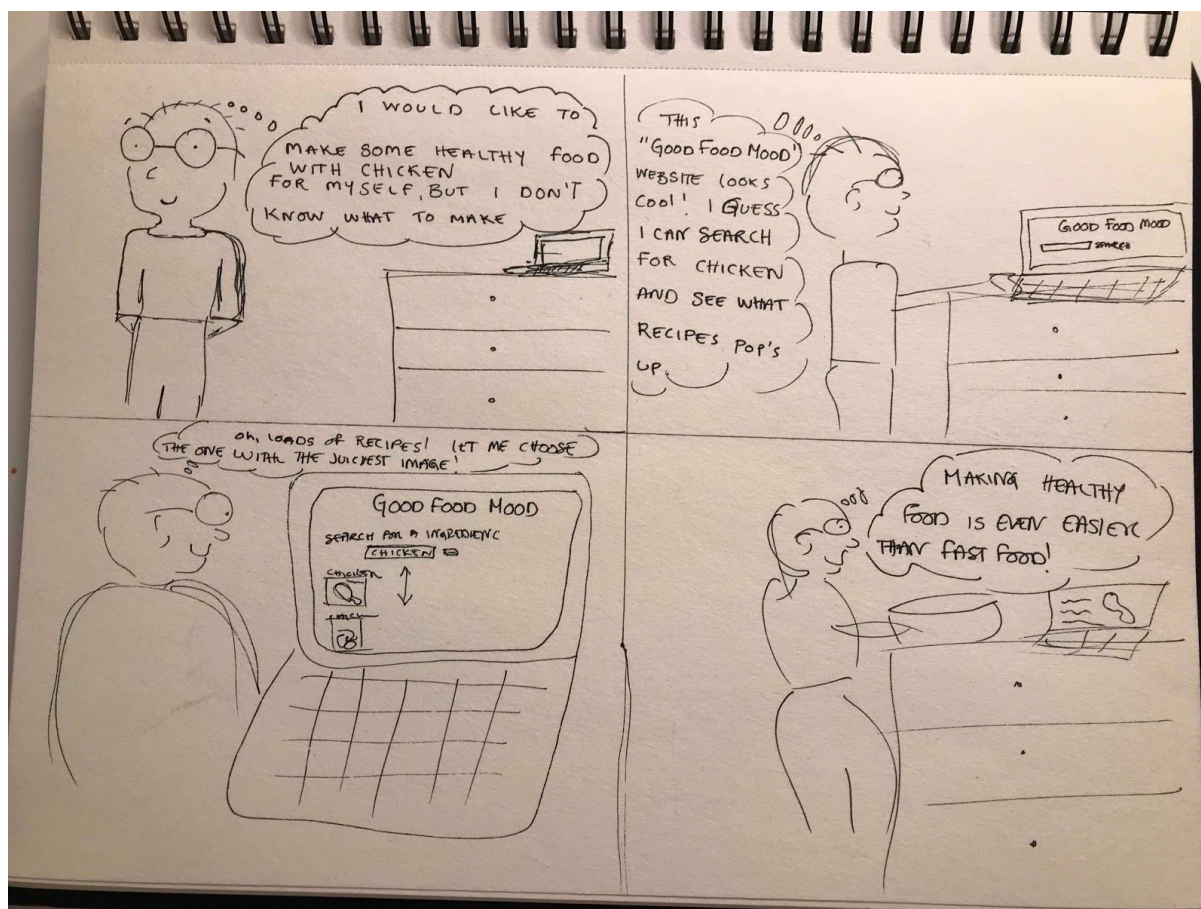
GIVING

ANALYTICAL

FOCUSED

After creating these personas I created 3 userstories I found to be realistic and typical for these types of websites. One of the problems I was worried about was the API. making it work, and not making it too slow. I hopefully made this potential problem a little better by adding the "loading.." alert while waiting for response. This could make the user a little more patient. I also wanted the website to have more to offer than just recipes. I wanted users to be able to get custom made mealplans based on the different recipes on the site. Helping users eat healthy by making it so simple that users have different meals specified everyday.





The process of this project has been fun, challenging and I have learned a lot about the importance of planning your time correct and focusing on the right things. Personally I enjoy the research, planning process, the design and general UX-part of the project, but I definitely was happy with being able to make the API work. I have been ill for a long time and I haven't been able to develop my competence as much as I wanted through out these past six months, but as long as I managed to put this project together and make something that works, I am satisfied with that and ready to gain more knowledge and become better at the programming and coding part of this course.

The website and it's solutions has worked well through out this process, but at the end of the project I had some problem with the mobile version of the site. While working with the site it worked fine on both mobile, ipad and desktop, and I used different devices to check this, and also the devtools to be able to check the look of the website throughout the process. The last time I viewed the site on an iphone the page was not as it is supposed to be, and I realized that some of the site wasn't responsive. I am not sure what caused the problem and I did not have time to fix it, but I realize that this is a problem and doesn't look good. The site looked responsive when I opened it earlier today and something has clearly gone wrong. The rest of the site looked good on both mobile and desktop.

My conclusion on this project is that I did my best, considering my circumstances, and I felt that it went as good as it could, and that i enjoyed working on the concept of the website. It would have been a great idea and I enjoyed this overall. I think the layout of my site is good and I am happy with the result. If I had more time, I would style the searchbox and find one more background image with the same background color as the first one, to exchange between two of the pages, so it would be more changing details about the design.

Images found on <https://unsplash.com/>

Resources include Front-end development year.1 lessons in Programming foundations and HTML/CSS, and

<https://technologyadvice.com/blog/information-technology/how-to-use-an-api/>