

# Implementation plan:

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We are dividing our implementation which is in our case a website into different sections which gets divided over our group in the following way.

Our site consists of different sections:

- Homepage
- Game Page
- Videochat Page
- chatpage
- pictures page
- virtual experience page
- movietime page

For every page we made a rough sketch in the sketch assignment which we made before implementing. We wanted to stay close to the sketch we designed which was optimized for user usability.

We choose to keep the text as little as possible on our website because if we take a look at the interviews that we took, several people said that it should be a clean and easy to use site. That is why we used a lot of icons and images to make things clear. Another thing that we tried to implement is “diversity” of the webpages, each page is supposed to make u feel like u are on another part of the site. This will let people to enjoy our site for a longer period of time since they will not be bored as easily.

**Homepage:** Easy to navigate and the lay out should speak to itself.

**Gamepage:** The game page shows the games that are playable by means of pictures, and when they're clicked they will redirect you to the gaming environment. All games are multiplayer/online so that you can challenge friends.

**Video Chat page:** we will implement a space on our site where you can hang out with your loved ones, who you can't see as much as you would like because of the virus.

**Chat page:** The chat page is an easy interface which resembles Whatsapp, you're able to interact with others through messages and also see their profiles. It's also possible to put your status online and offline.

**Virtual experience page:** This page is meant to make the user experience real life activities like visiting the museum behind their computers. It's easy and interactive.

**Pictures page:** implementation of a shared gallery where everyone that is in the same group can store some footage of theirs to never get lost and which family members can enjoy for ever.

**Movietime page:** This page allows users to visit rooms and watch youtube videos together at the same exact time.

### **Not fully implemented:**

As we worked on the website, we came to the conclusion that it was not possible to implement some sections of the plans we had for the website. Simply due to amount of time we had available and the difficulty of the implementation. This went along with the fact that since we had to hand in our code in html code and not as an online website, we could not implement some of the online application fully as that would require for us to host a server. This is regarding the Video chat and Chat page.

The Video Chat page and the Chat page both in order to work, they need a localhost and with Ngrok.com you can make other people connect to your localhost. Once this has been established, then you can chat with others and interact through video. This is also possible through a node.js server and NPM.

We also did not fully implement the add function on the pictures page, as we did not setup a database for the pictures to be stored on. We implemented an example on how it would look when a group of people will add pictures on their database and how it would showcase as a gallery.

# Time table:

Here you can see a low level planning of our deadlines we set for each section of the website, we discussed implementation details mostly through whatsapp. We made this schedule so we could see who is working on what and when they should have finished their part. We also helped each other throughout when someone got stuck or needed help.

Home	Games	Videochat	Chat	Movie	Pictures	Deadline
Mohammed	Hamza	Ghasem	Ghasem	Mohammed + Hamza	Mohammed	14-06-2020
Adding 6 buttons for each page	Adding multiplayer games	research about video chat application	research about chat client application	Search for way to watch movies/videos together with other people	Make a photo gallery with html/css	10-06-2020
Design navigation bar	Work further on the layout of the page	Start implementation video chat application	Start implementing chat client application	Start implementing application	Add design and layout to the page	12-06-2020
Add logo and footer to homepage and add hypertext	test the page for bugs	Check for online chat possibilities	Check for online chat possibilities	add text to about page and footer page	add text to about page and footer page	14-06-2020
Finishing touches, check footer, button sizes	add text to about page and footer	layout design, about text and footer text	layout design, about text and footer text	test the page	check for button functionality	16-06-2020