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| 2 | Milestone 3 Update | Team Hygge | 7-11-19 |
| 3 | Milestone 4 Update | Team Hygge | 1-12-19 |

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1 INTRODUCTION

We are striving to create a website where students can come to relax and forget about their problems for a while. The website will be a place where students can come to see some funny videos for a good laugh, or find some guided meditations for those moments of anxiety, or find some good study music, or even be redirected to get some real time help if struggling with something more major.

1.1 Purpose

The purpose of this project is to help contribute to better mental health for students. We are aware of the high rate of stressed out students and high rates of suicide, and we really wanted to help students that may be struggling through this project.

1.2 Scope

This document will be a continuously changing document that will evolve and grow along with our project. As we progress with our project, this document will begin representing all of our ideas, accomplishments, changes and in the end provide a thorough breakdown on why and how our website was created.

1.3 Background

Hygge (pronounced “Hoo-gah”) is a website made for students by students. The purpose of this website is to allow students an uncomplicated, fun place where they can go to relax and forget about their problems for a little while.

This document will be produced by the entire team in order to divide the work of the project fairly and allow team members that worked on specific parts of the project to explain it in their own words.

1.4 Assumptions and Constraints

1.4.1 Assumptions

We are assuming that there will be no copyright issues with the music, and guided meditations we intend on using. We are assuming that we can utilize the Hercules server for our website and that Eclipse will be a sufficient tool to complete our website.

1.4.2 Constraints

The constraints that we face as a team:

- Limited experience in creating websites (have only taken one class regarding that, CS 215)
- We have a short amount of time to create our website while managing our other classes, projects, commitments.

2 METHODOLOGY

The FRD document has been created based on the template given by our professor, Tim Maciag. The modelling methods used in this project are very straightforward and are explained thoroughly in their respective sections.

3 FUNCTIONAL REQUIREMENTS

3.1 Context

The following is our Model View Controller (MVC) and the class diagram that describe our website.

Figure 1: Model View Controller

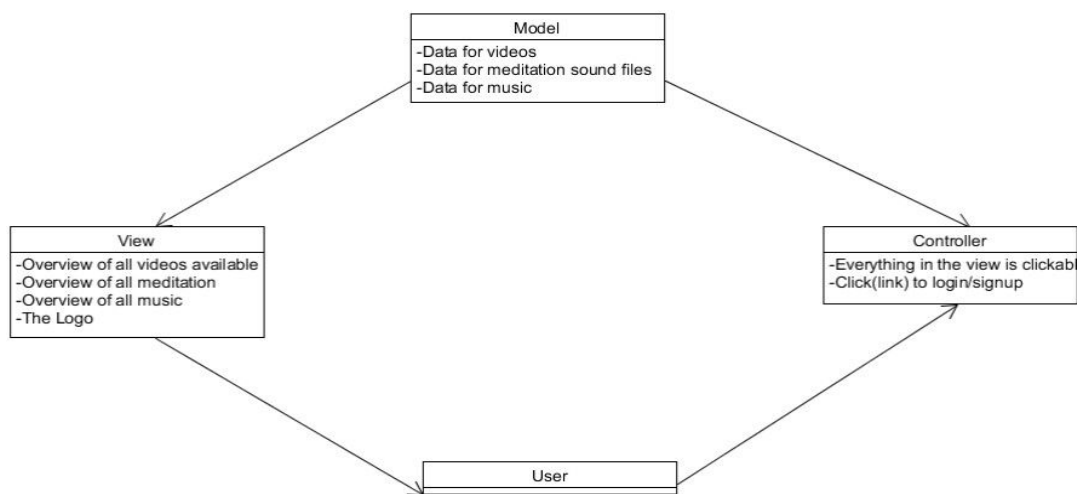
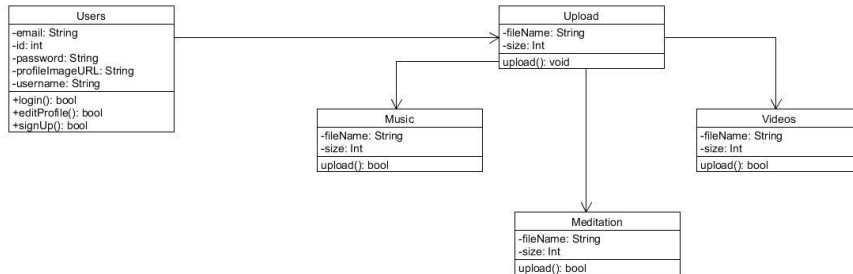


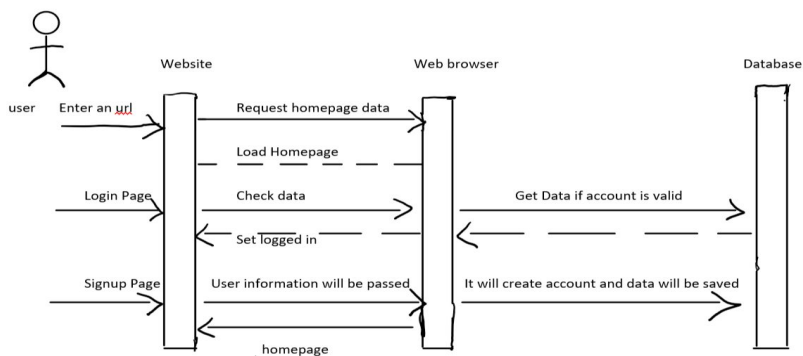
Figure 2: Class Diagram



3.2 User Requirements

The following is our sequence diagram that shows how the user's actions interact with the website. To explain the sequence diagram, we start off from the homepage of our website which contains the links to all our content and our login and sign up pages. Once a user clicks on a link or requests to login or signup, the request goes to the web browser which then requests that data from the database. If the data exists, it will be given back to the web browser which will then display it on the website.

Figure 3: Sequence Diagram



4 OTHER REQUIREMENTS

4.1 Interface Requirements

Figure 4: Home Page

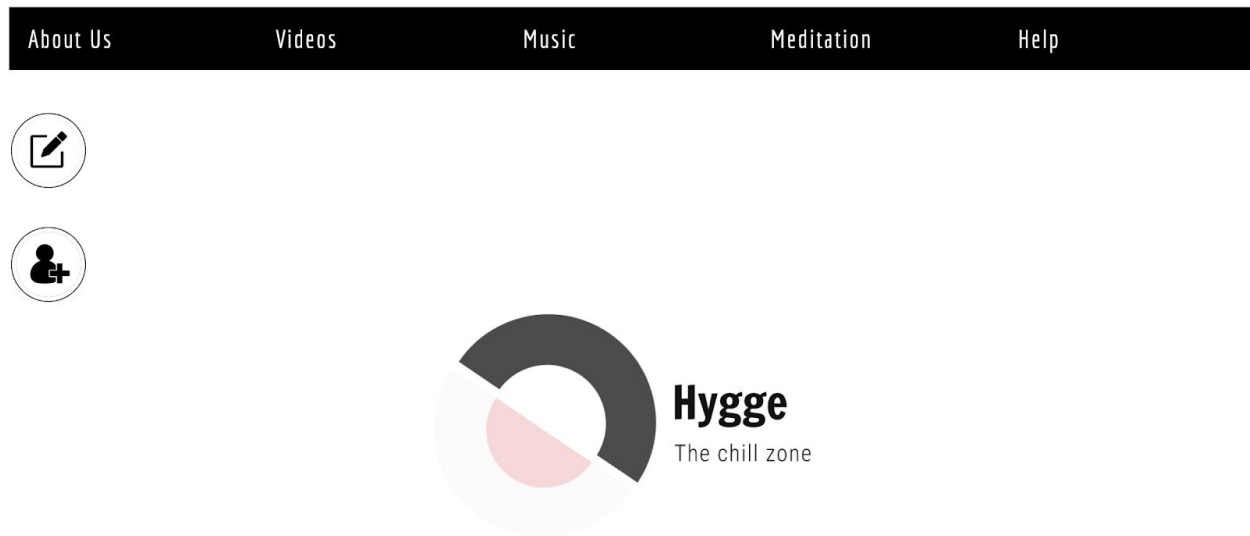
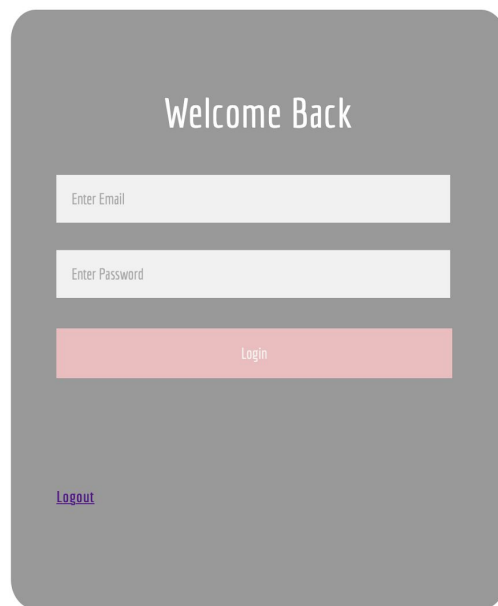


Figure 5: Login Page



A login page UI mockup with a dark gray background and rounded corners. At the top, the text "Welcome Back" is displayed in white. Below it are two white input fields with gray placeholder text: "Enter Email" and "Enter Password". A red "Login" button is positioned below the password field. At the bottom left, there is a purple "Logout" link.

Welcome Back

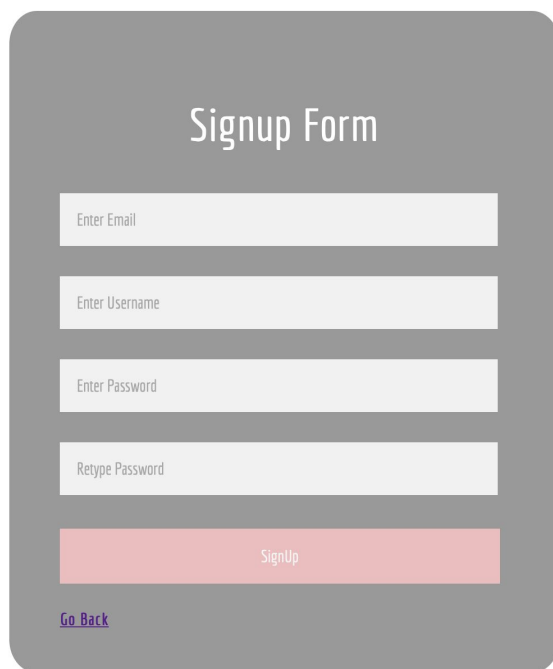
Enter Email

Enter Password

Login

[Logout](#)

Figure 6: Sign Up Page



A sign up page UI mockup with a dark gray background and rounded corners. At the top, the text "Signup Form" is displayed in white. Below it are four white input fields with gray placeholder text: "Enter Email", "Enter Username", "Enter Password", and "Retype Password". A red "SignUp" button is positioned below the "Retype Password" field. At the bottom left, there is a purple "Go Back" link.

Signup Form

Enter Email

Enter Username

Enter Password

Retype Password

SignUp

[Go Back](#)

Figure 7: About Us Page

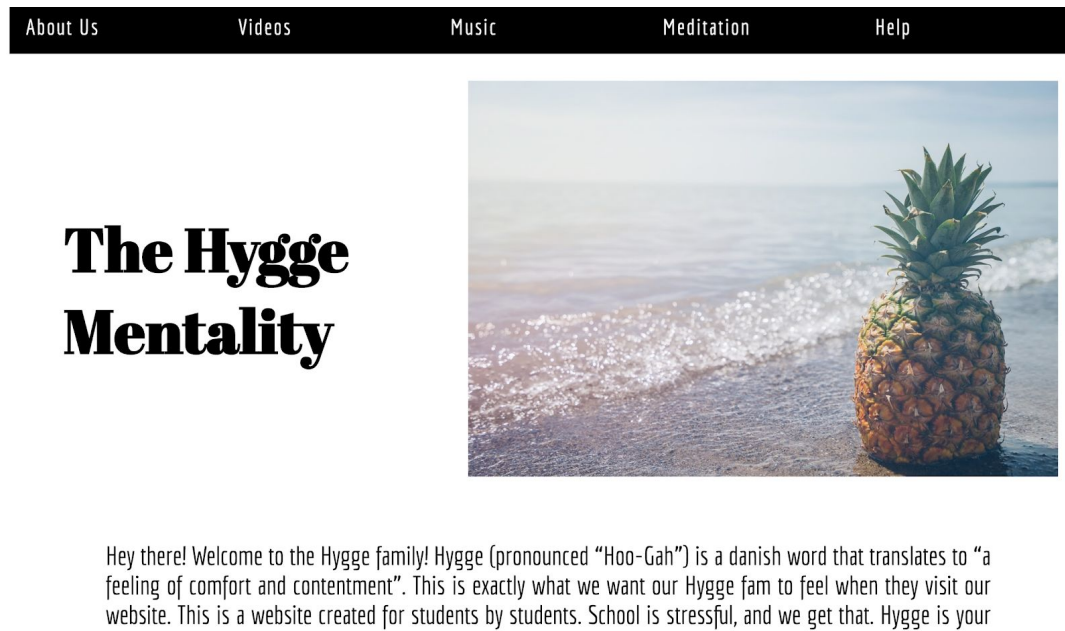


Figure 8: Help Page

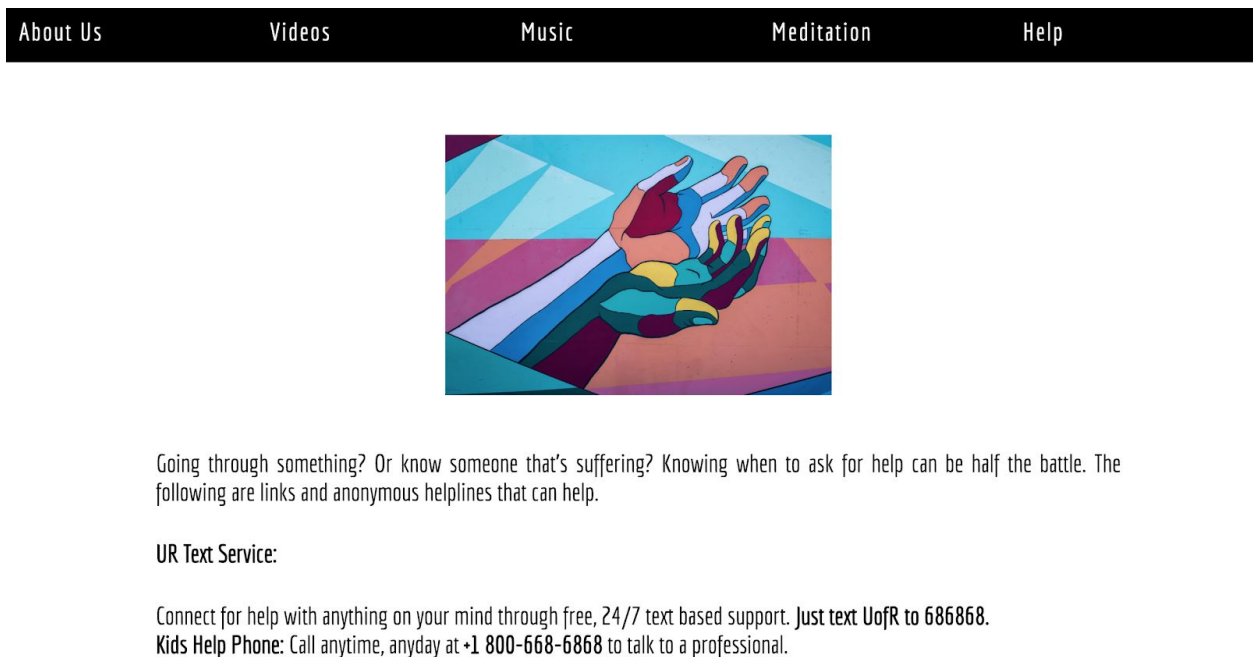
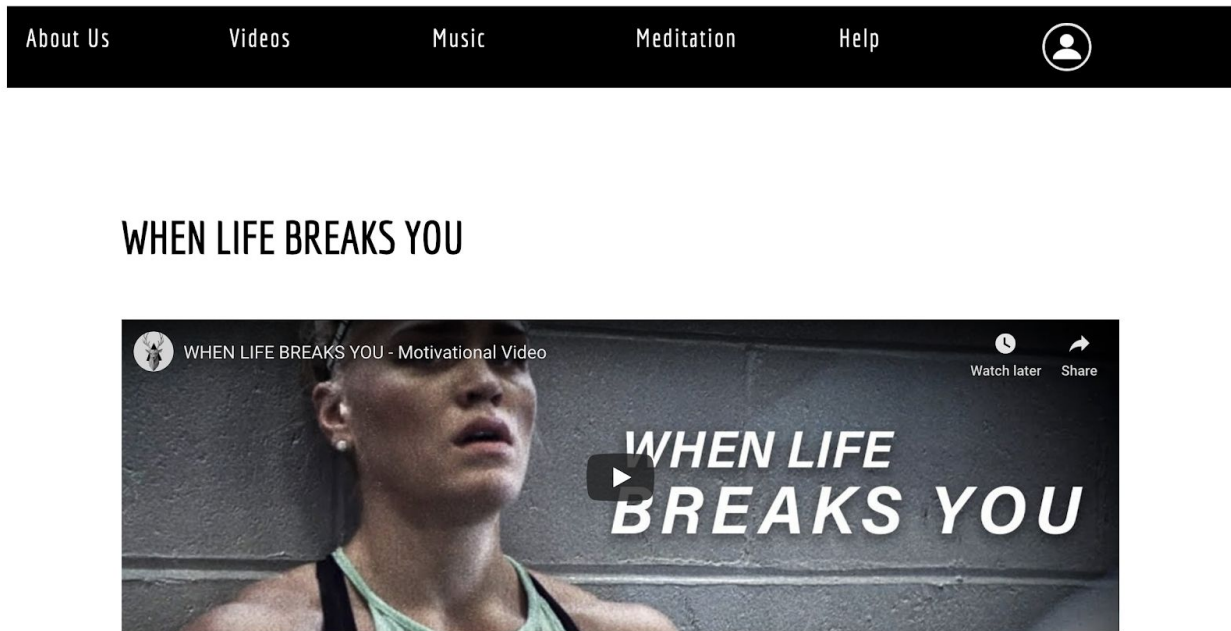


Figure 9: Videos



4.2 Hardware/Software Requirements

We are using Hercules as our database. To code our website, we used Notepad++ and saved our files with the appropriate extensions and updated that to the database.

4.3 System Availability

Our website must be available to users from Monday to Friday between 4:30am(PST) and 9:30pm(NST). We expect our peak times to be between 12pm and 1pm (CST). Also, during the weekends we anticipate an unpredictable level of usage.

4.4 Error Handling

We added javascript files to handle errors for user input in our login and signup pages. If the user tries to submit an empty form, they are prompted to fill in empty boxes.