To tackle this project, we had to overcome some obstacles such as creating a social media website that allows students to post in a social manner. We called our group project “SpaceBook” an indirect imitation to Facebook. As a team we allocated ourselves different roles in order to achieve this success in our project.

**Immanuel**

Graphical user interface, application

Description automatically generatedI was tasked with creating the structure of the website which included the buttons and functionality of our project. It was a simple design process that I implemented to help us achieve the main purposes of the project, which was to post on the timeline, comment on each other’s posts, like the posts and lastly follow each other as friends.

Graphical user interface, text, application

Description automatically generatedThis is an example of a user following another user.

Graphical user interface

Description automatically generated

Graphical user interface, application, email

Description automatically generated

Graphical user interface, application

Description automatically generated

**Abdelnour**

My segment of the project was to create a login and signup system that allowed the user to create and utilize the credentials of that user to login into website. To accomplish this, I made a form for the user to generate and input their username and password. To make this login and signup system aesthetically pleasing, I decided to make it simple by using white for the form and blue for the buttons. I also centred the form to make it nice and neat. On the top is the title of the system called “SpaceBook”. Now for the users to be stored somewhere, I used Devendra’s database to make this happen. For the username and password to be stored, there was a user table already made. The password is encrypted when it is stored in the database to make it more secure. Upon logging in, you can see the main page where you can post and follow other users. On the top right-hand corner there is a drop-down menu where you can logout of the user.

Graphical user interface, application

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, application

Description automatically generated

**Devendra**

**Database Design**

We wanted to create a database in a cloud from where everyone of us can access it. But unfortunately, we needed to pay for it, so we dumped that idea. Instead, I coded the SQL design on PhpMyAdmin and shared the code with my teammates in order for the social media website to revolve around it. This database consisted of a table for user details, one for posts, likes, comments, and another for followers. It was challenging but at the end it all worked out.

**User Account Settings**

If the user wishes to update his/her details on the database, it can be done through the account settings that are located at the dropdown navbar. The user can update their name, profile picture, username, password, and a short bio.

Graphical user interface, application, Teams

Description automatically generated

Together we created the admin panel. It was meant for any of the team members to have admin privileges allowing them to delete users and their posts. Sadly, we did not achieve this because we came across some errors and time was not on our side to fix it. The best we could do was create a printout statement.

A picture containing text

Description automatically generated#Screenshot 1

**Link for the GitLab** **project**: http://gitlab.gcd.ie:8080/hufpuppy/swd-the-boiiis/-/tree/master