COM336 ASSIGNMENT 2 TEAM 17 HELP FILE

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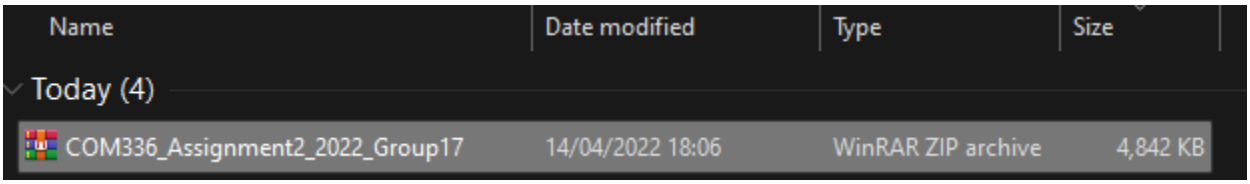
DOCUMENT PURPOSE

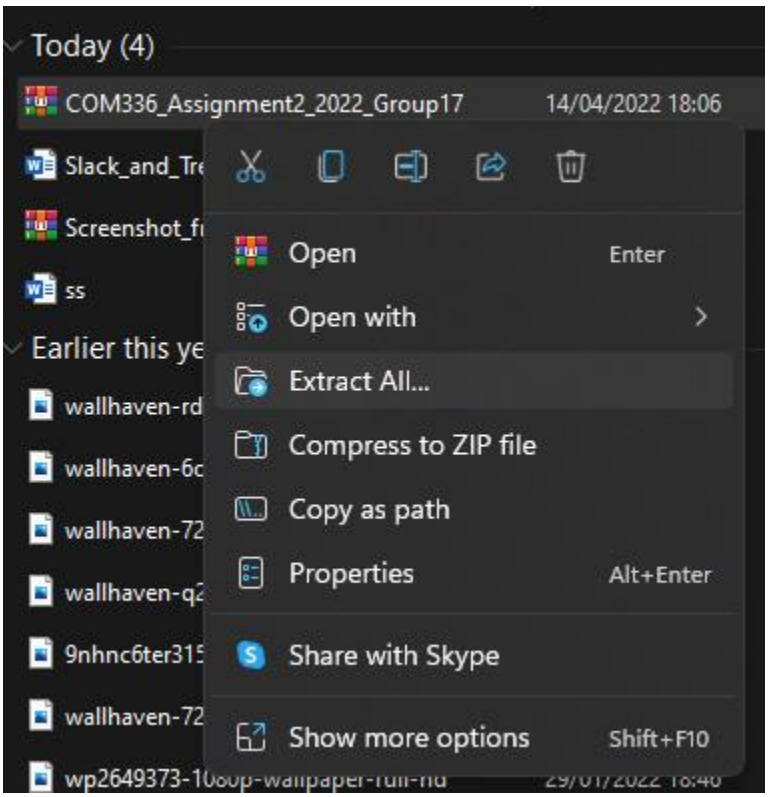
This document will help any user with the setup process of the website. The website will be set up in localhost, the passwords and usernames for the databases and website will be provided as the setup continues.

DESCRIPTION OF FILES

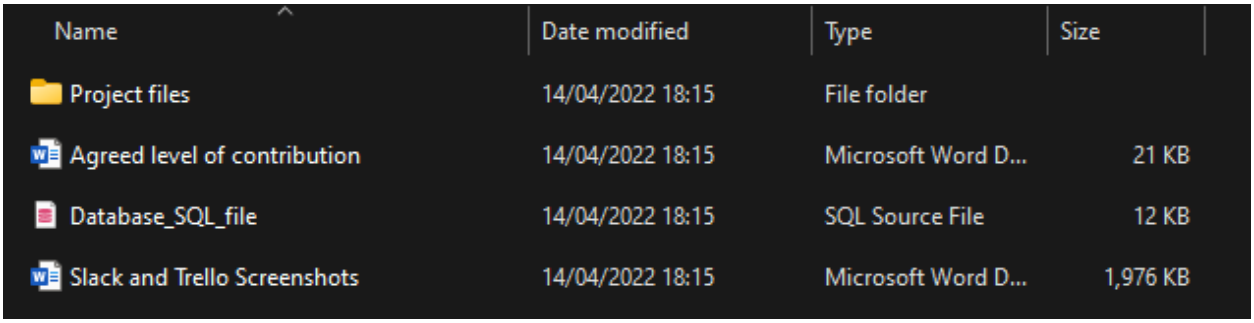
The first step will be to download the compressed zip folder containing the website folder.



The full contents of the website will be inside the zip file and must be extracted before they can be used.



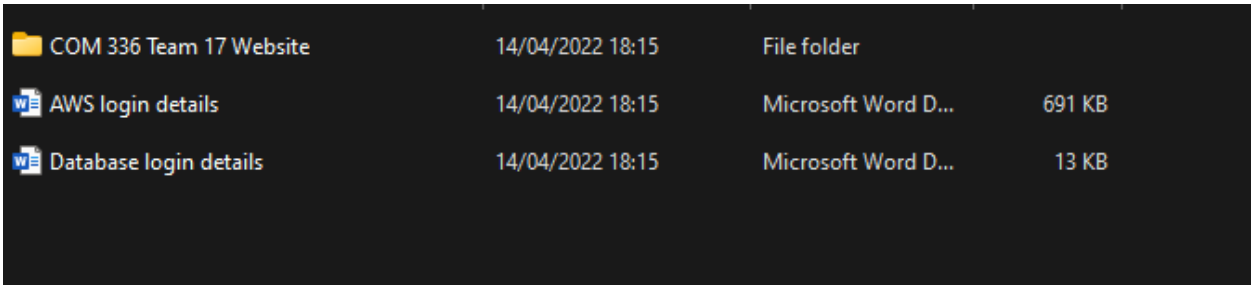
It would be wise to check that all files are functional, and that the compression process did not lose any important data.



Name	Date modified	Type	Size
Project files	14/04/2022 18:15	File folder	
Agreed level of contribution	14/04/2022 18:15	Microsoft Word D...	21 KB
Database_SQL_file	14/04/2022 18:15	SQL Source File	12 KB
Slack and Trello Screenshots	14/04/2022 18:15	Microsoft Word D...	1,976 KB

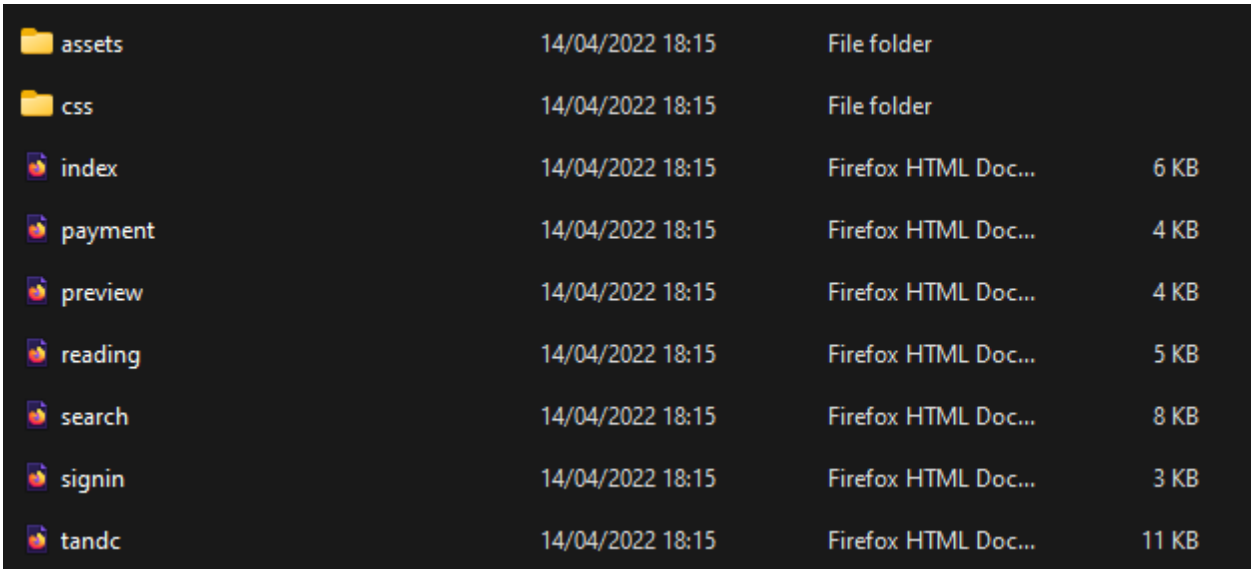
The folder should contain:

- The project folder,



COM 336 Team 17 Website	14/04/2022 18:15	File folder	
AWS login details	14/04/2022 18:15	Microsoft Word D...	691 KB
Database login details	14/04/2022 18:15	Microsoft Word D...	13 KB

- The website folder,



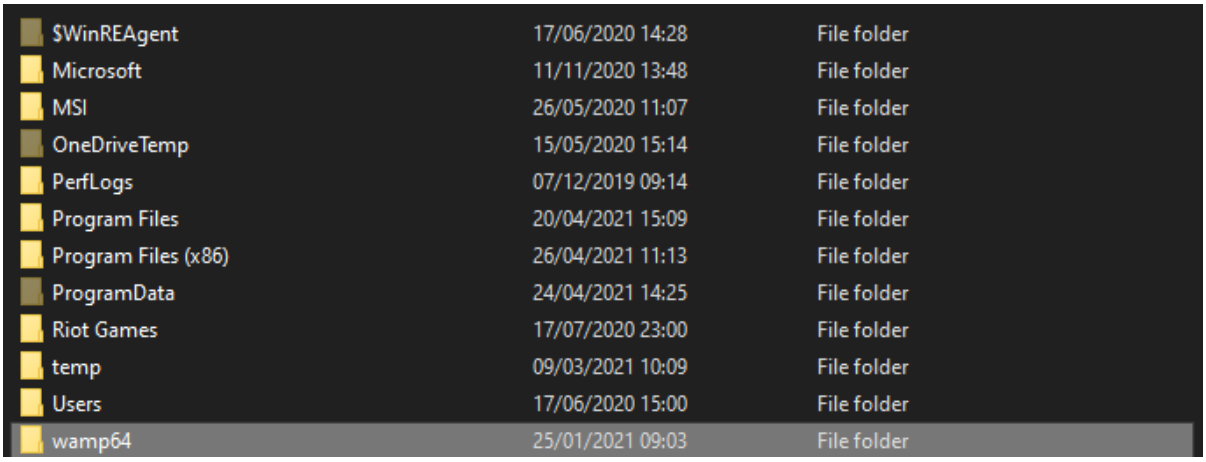
assets	14/04/2022 18:15	File folder	
css	14/04/2022 18:15	File folder	
index	14/04/2022 18:15	Firefox HTML Doc...	6 KB
payment	14/04/2022 18:15	Firefox HTML Doc...	4 KB
preview	14/04/2022 18:15	Firefox HTML Doc...	4 KB
reading	14/04/2022 18:15	Firefox HTML Doc...	5 KB
search	14/04/2022 18:15	Firefox HTML Doc...	8 KB
signin	14/04/2022 18:15	Firefox HTML Doc...	3 KB
tandc	14/04/2022 18:15	Firefox HTML Doc...	11 KB

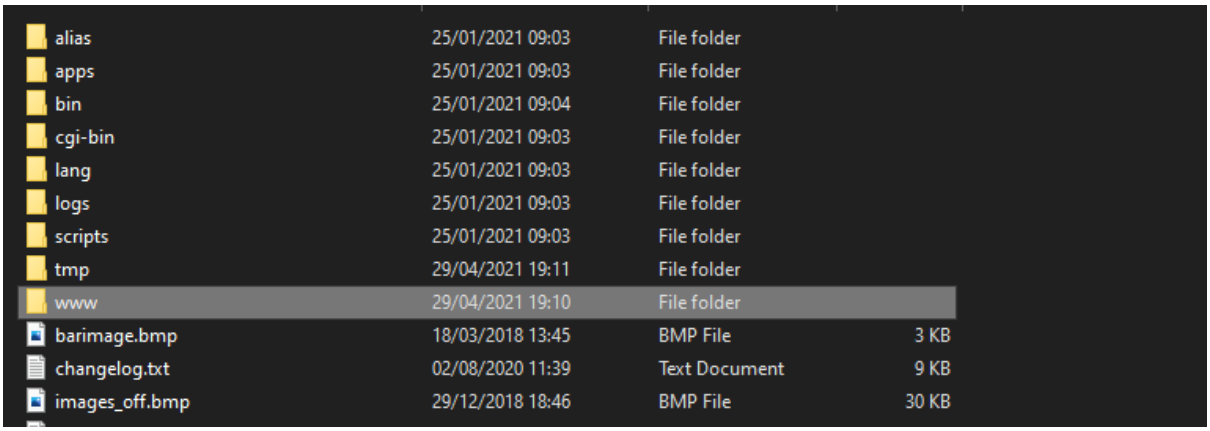
- And the database SQL file,

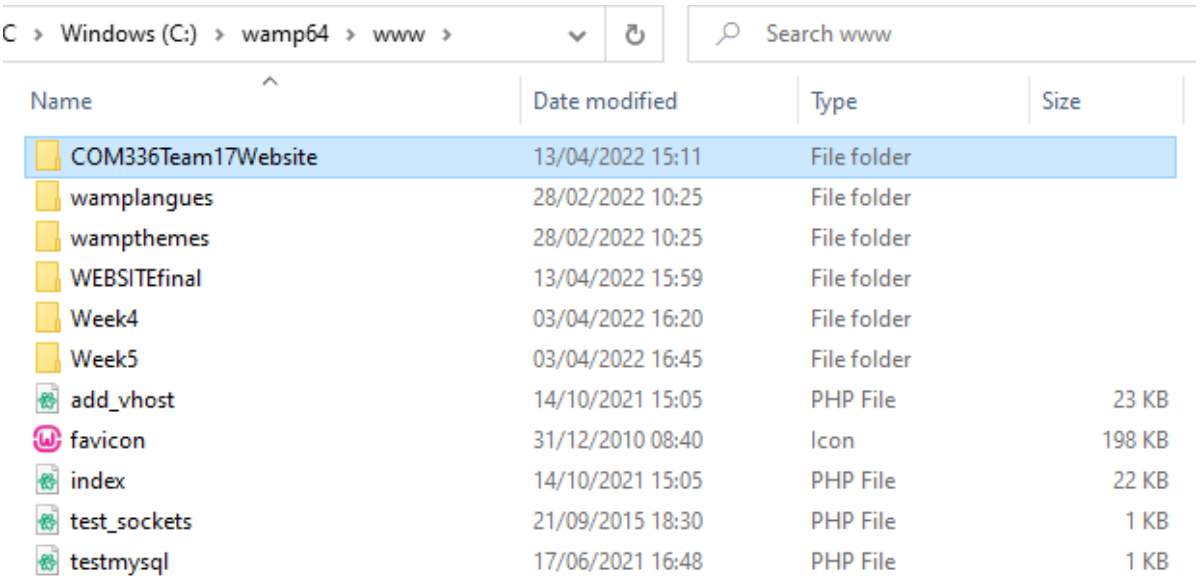
Database_SQL_file	14/04/2022 18:15	SQL Source File	12 KB

PASSWORDS AND SETUP

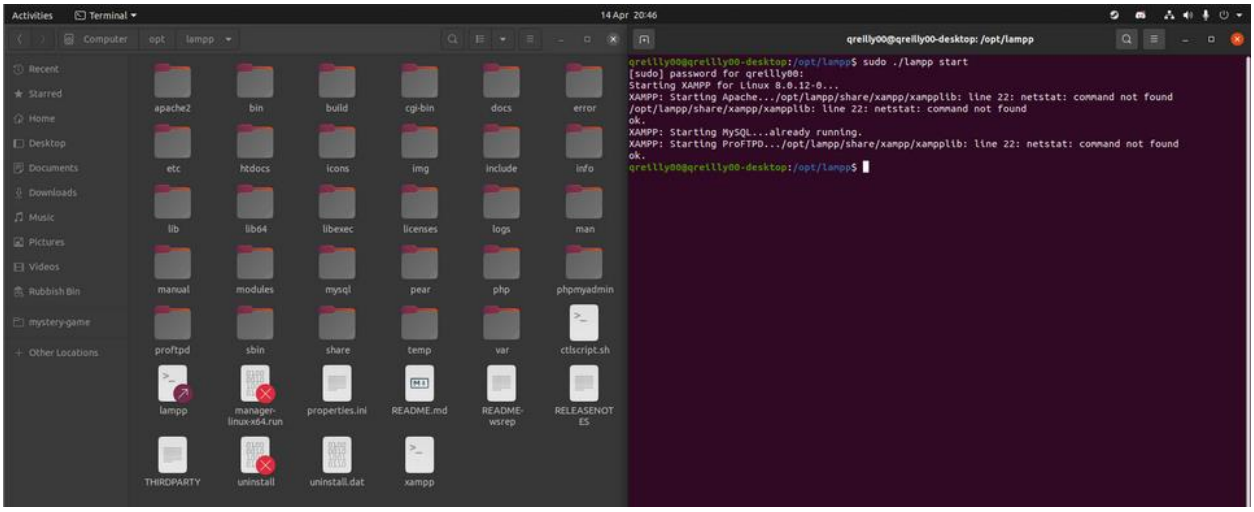
After the folder has been extracted move it to the www folder within the wamp64 folder, which can be found in your computers C drive.



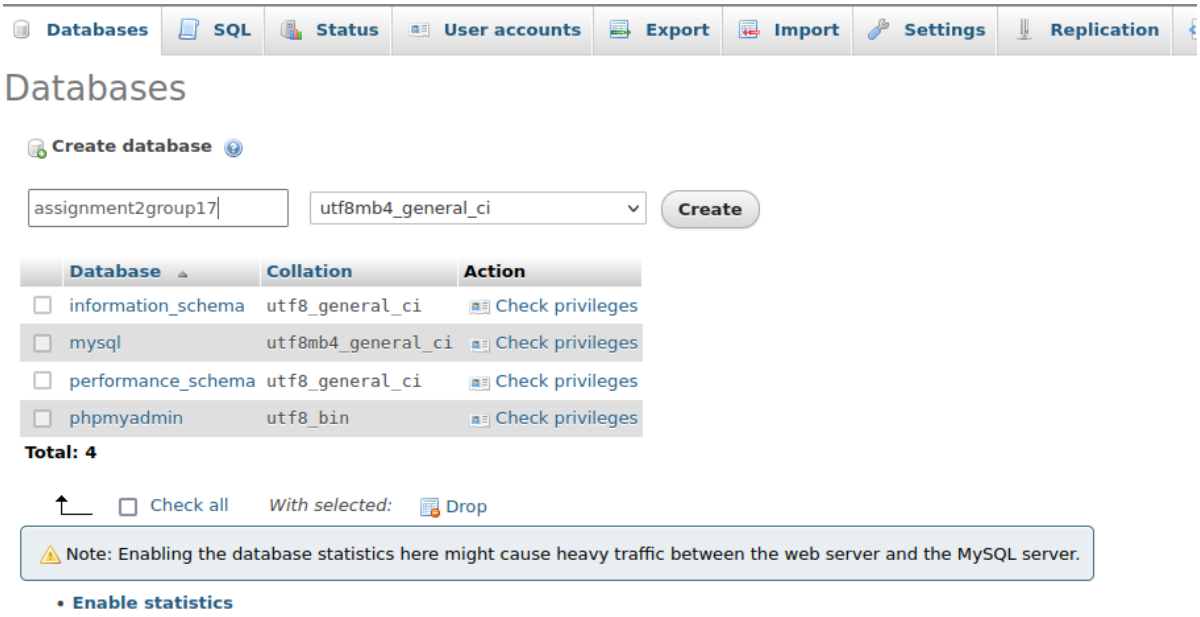




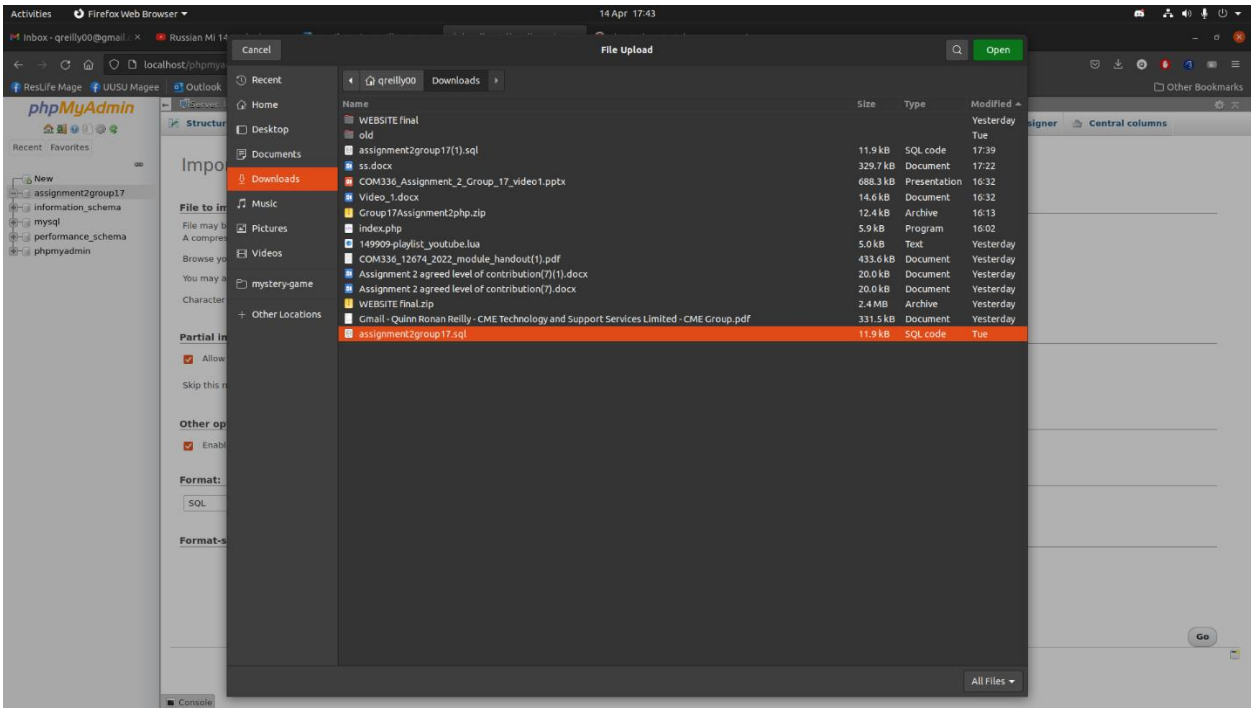
After moving the folder, you can set up the database. To do so Wamp must be enabled so that the website can run locally on this machine.

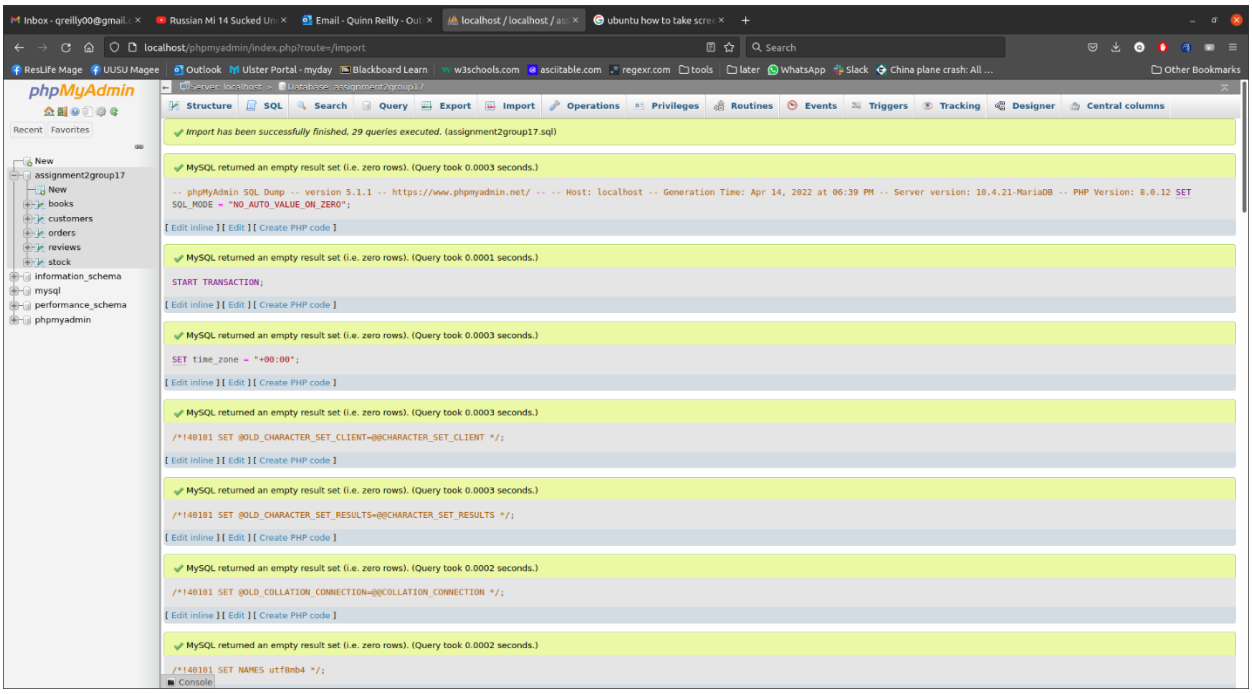


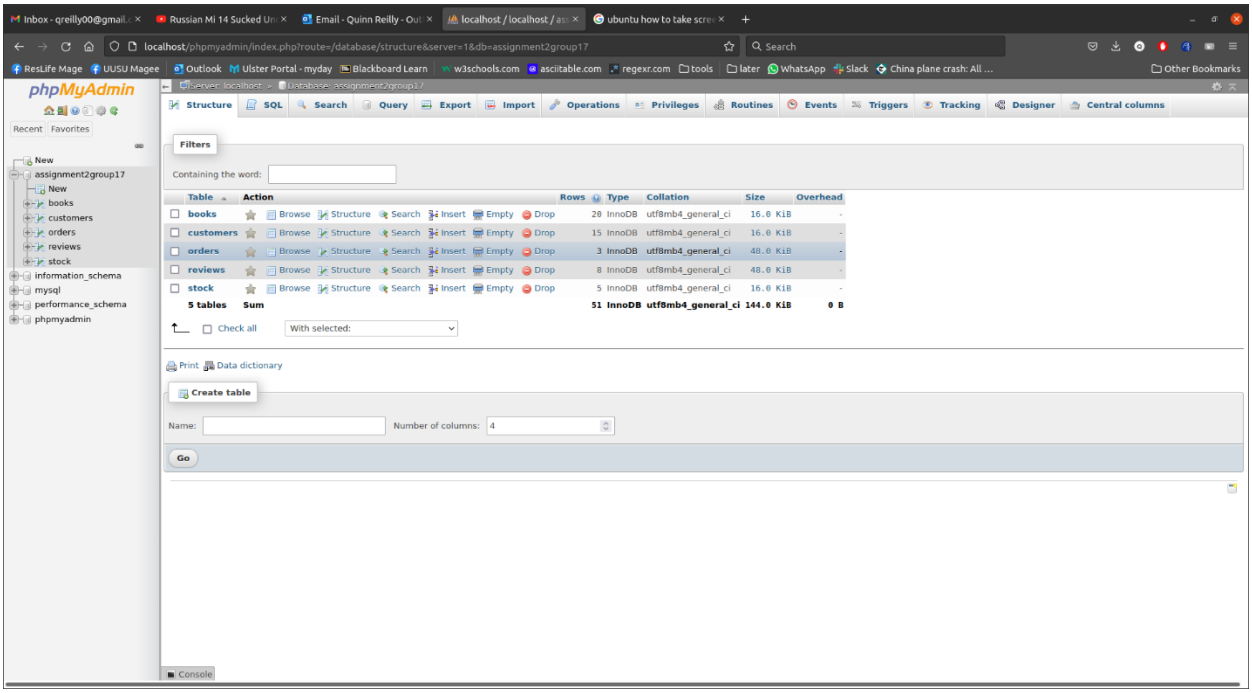
Open wamp and use the username “root” with no password to access your local area. Now press new and pick any name for the database. Then press create.



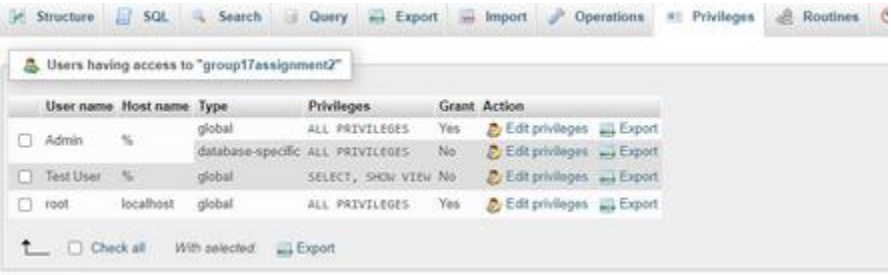
After that’s done, you will have to import the SQL file from the website folder shown earlier. This will get the database onto the local system.

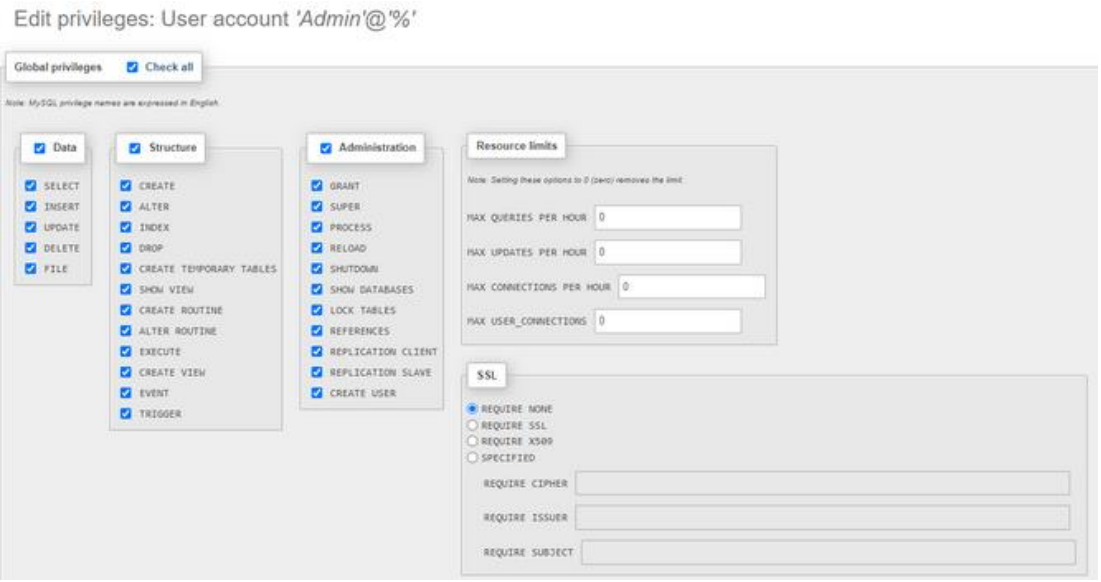


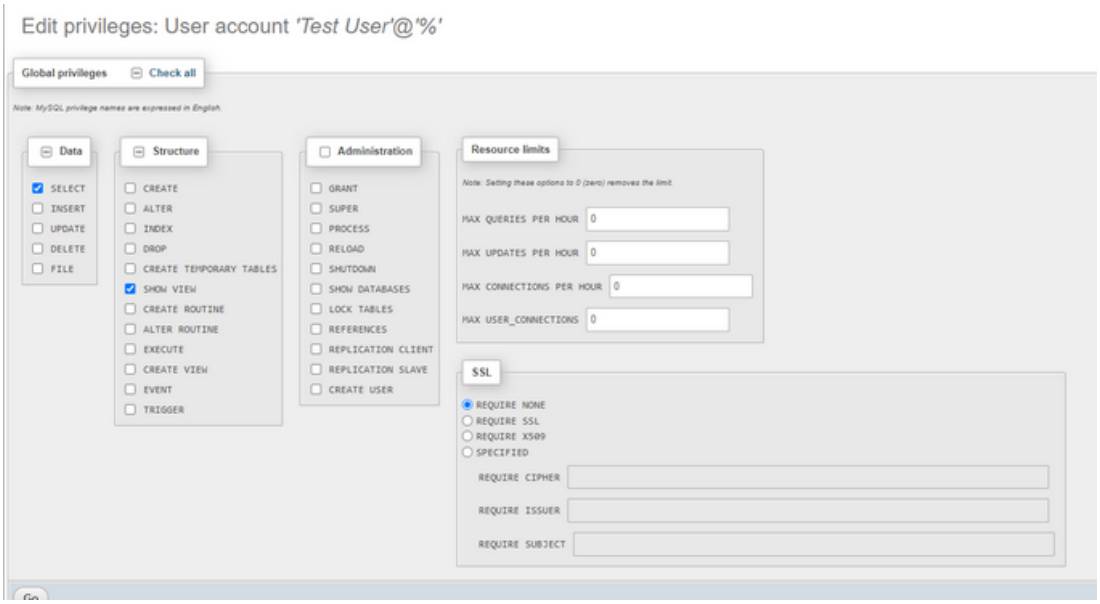

phpMyAdmin
Import has been successfully finished, 29 queries executed. (assignment2group17.sql)
MySQL returned an empty result set (i.e. zero rows). (Query took 0.0003 seconds.)
-- phpMyAdmin SQL Dump -- version 5.1.1 -- https://www.phpmyadmin.net/ -- -- Host: localhost -- Generation Time: Apr 14, 2022 at 06:39 PM -- Server version: 10.4.21-MariaDB -- PHP Version: 8.0.12 SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
MySQL returned an empty result set (i.e. zero rows). (Query took 0.0001 seconds.)
START TRANSACTION;
MySQL returned an empty result set (i.e. zero rows). (Query took 0.0003 seconds.)
SET time_zone = "+00:00";
MySQL returned an empty result set (i.e. zero rows). (Query took 0.0003 seconds.)
/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
MySQL returned an empty result set (i.e. zero rows). (Query took 0.0003 seconds.)
/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
MySQL returned an empty result set (i.e. zero rows). (Query took 0.0002 seconds.)
/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
MySQL returned an empty result set (i.e. zero rows). (Query took 0.0002 seconds.)
/*!40101 SET NAMES utf8mb4 */;


phpMyAdmin
Filters
Containing the word:
Table Action Rows Type Collation Size Overhead
books Browse Structure Search Insert Empty Drop 20 InnoDB utf8mb4_general_ci 16.0 KiB -
customers Browse Structure Search Insert Empty Drop 15 InnoDB utf8mb4_general_ci 16.0 KiB -
orders Browse Structure Search Insert Empty Drop 3 InnoDB utf8mb4_general_ci 48.0 KiB -
reviews Browse Structure Search Insert Empty Drop 8 InnoDB utf8mb4_general_ci 48.0 KiB -
stock Browse Structure Search Insert Empty Drop 5 InnoDB utf8mb4_general_ci 16.0 KiB -
5 tables Sum 51 InnoDB utf8mb4_general_ci 144.0 KiB 0 B
Check all
With selected:
Print
Data dictionary
Create table
Name:
Number of columns: 4
Go

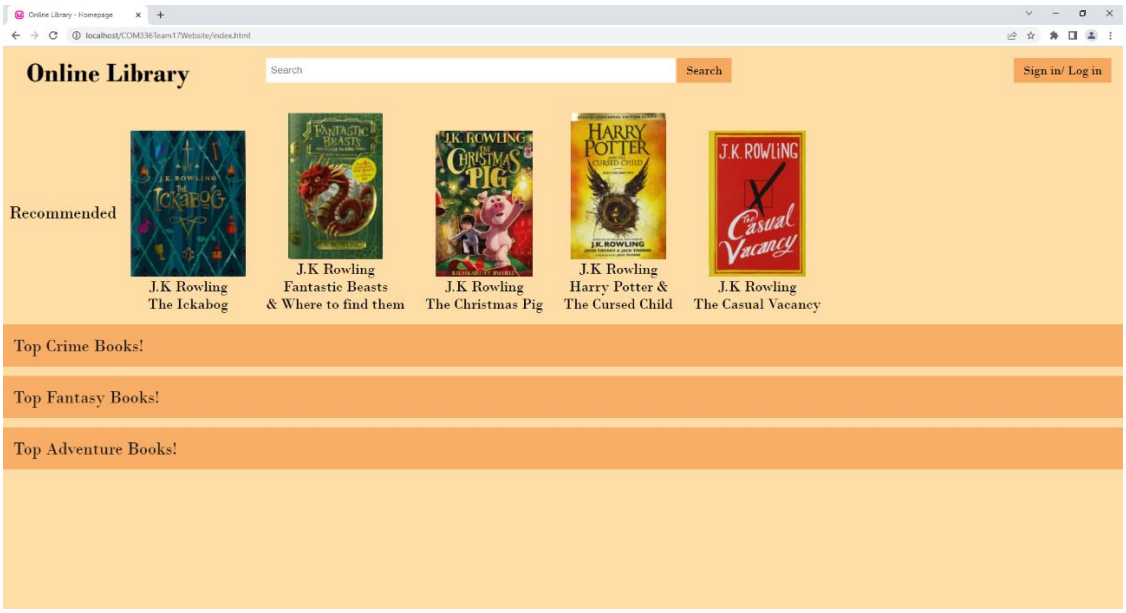
Once finished, you can see that you have the database on your system and so you can now use user accounts instead. There are two accounts made for the database. An Administrator and a Test User. These features were set up using the management portion of phpMyAdmin.





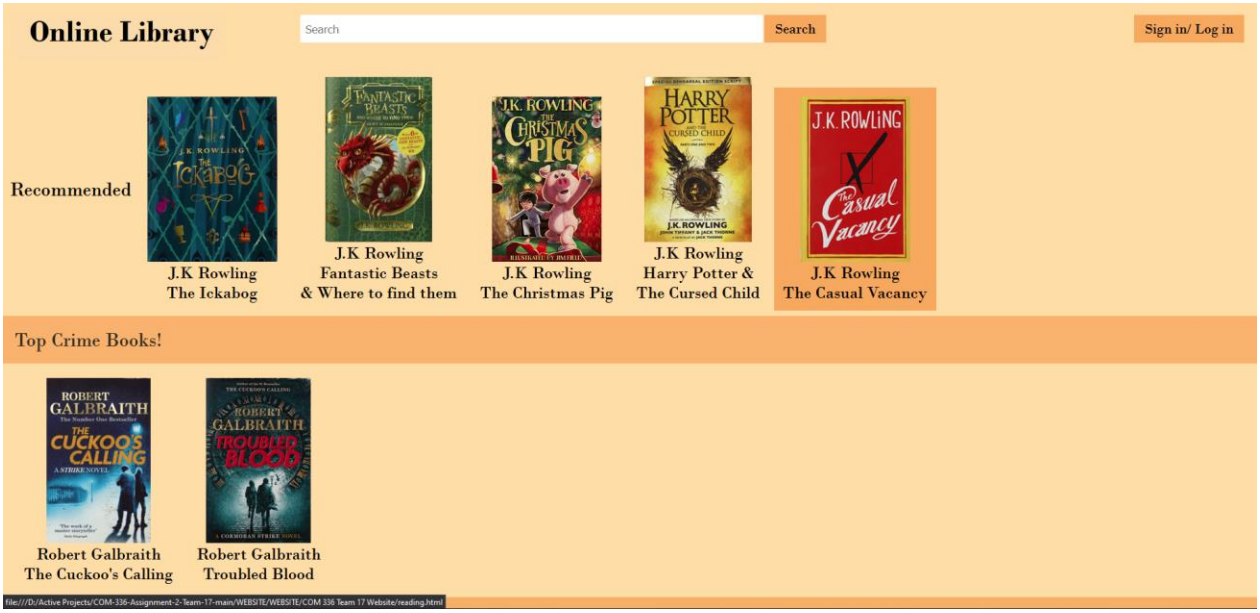


Next you will run the website. To do so, you must go into your web browser and type in "localhost/COM336Team17Website" as that is the name of the folder within your www directory.

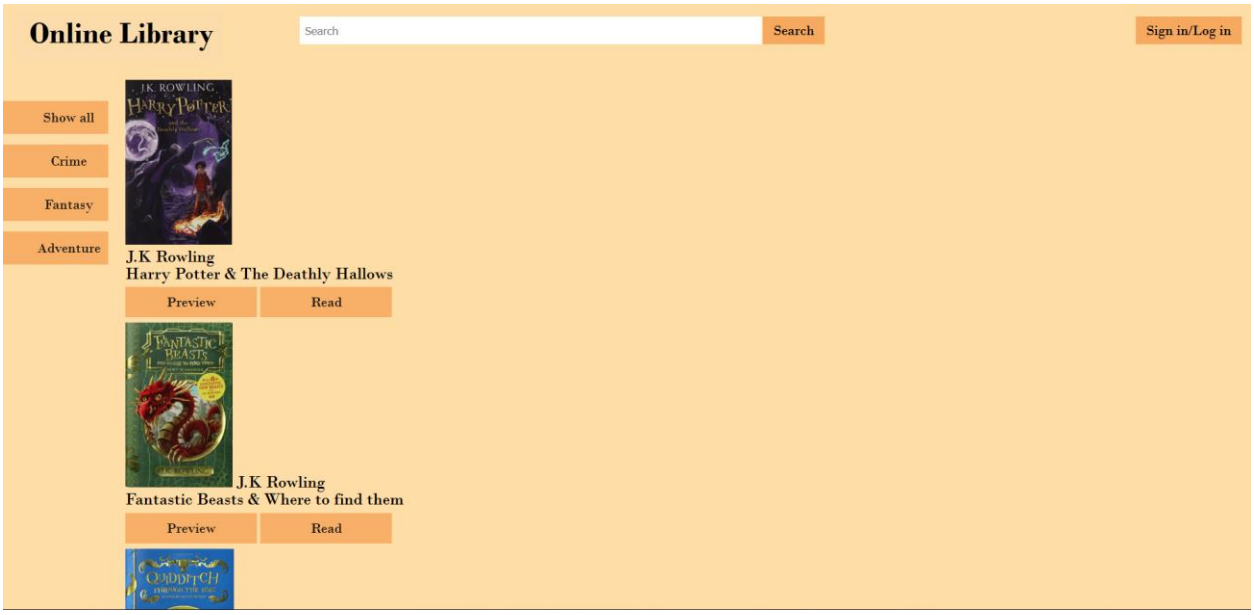


WEBSITE OVERVIEW

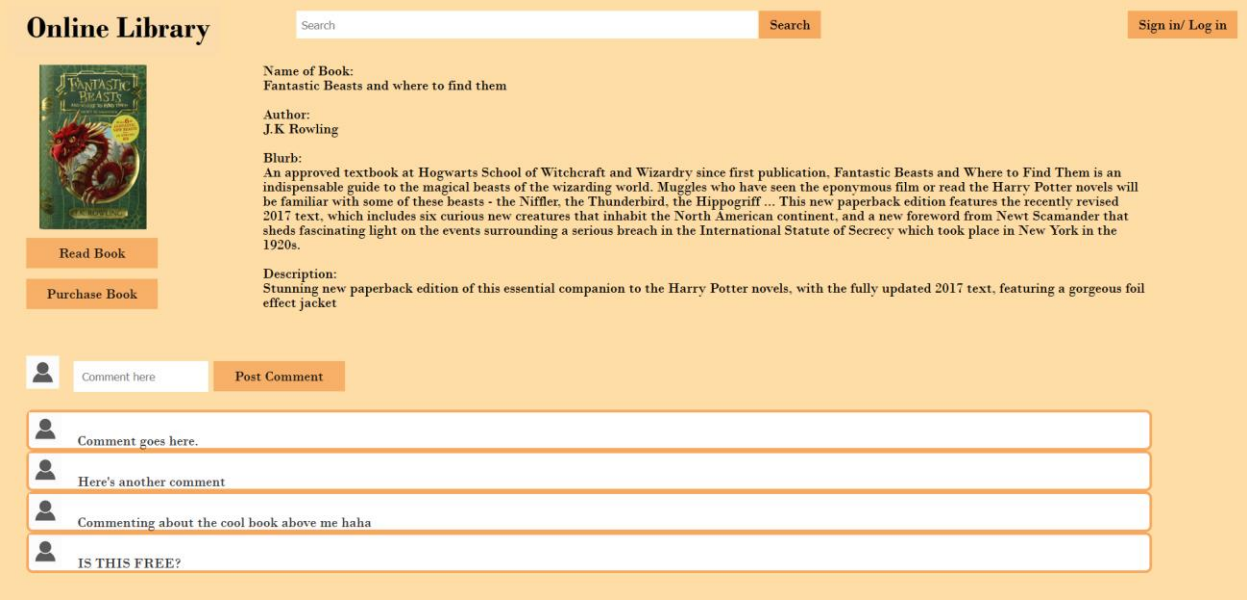
The main homepage allows the user to select a recommended book, search for a preferred book, log into their account or create an account and, scroll through books based on genre.



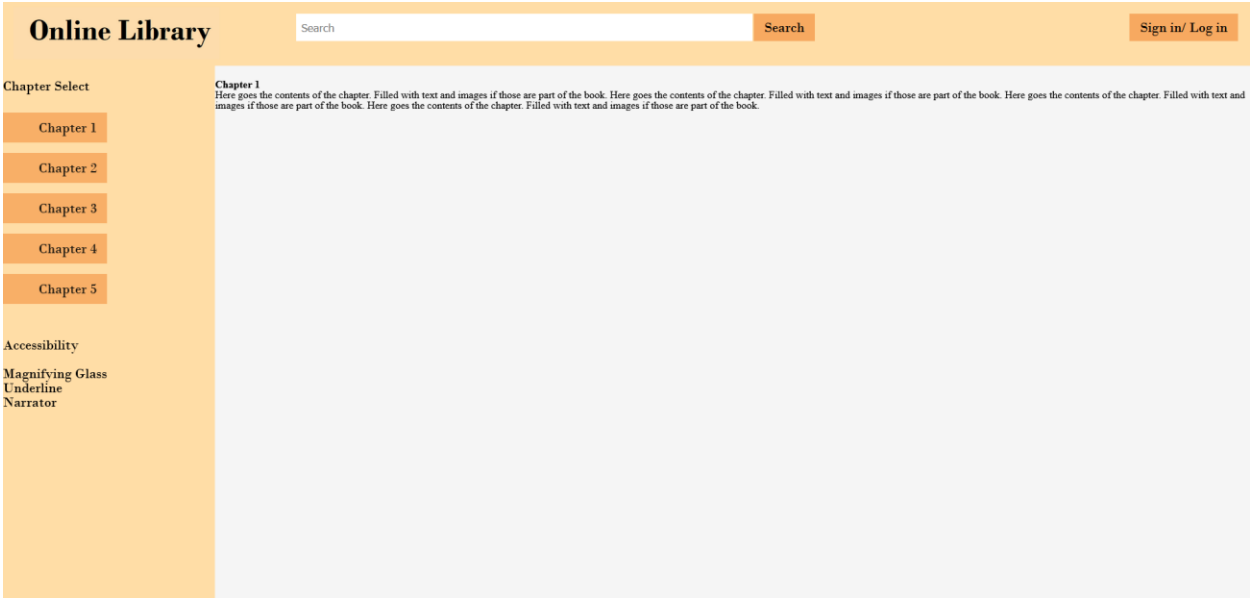
The search page allows the user to filter books based on genre. They can then read the book if they own it or preview the book if not.



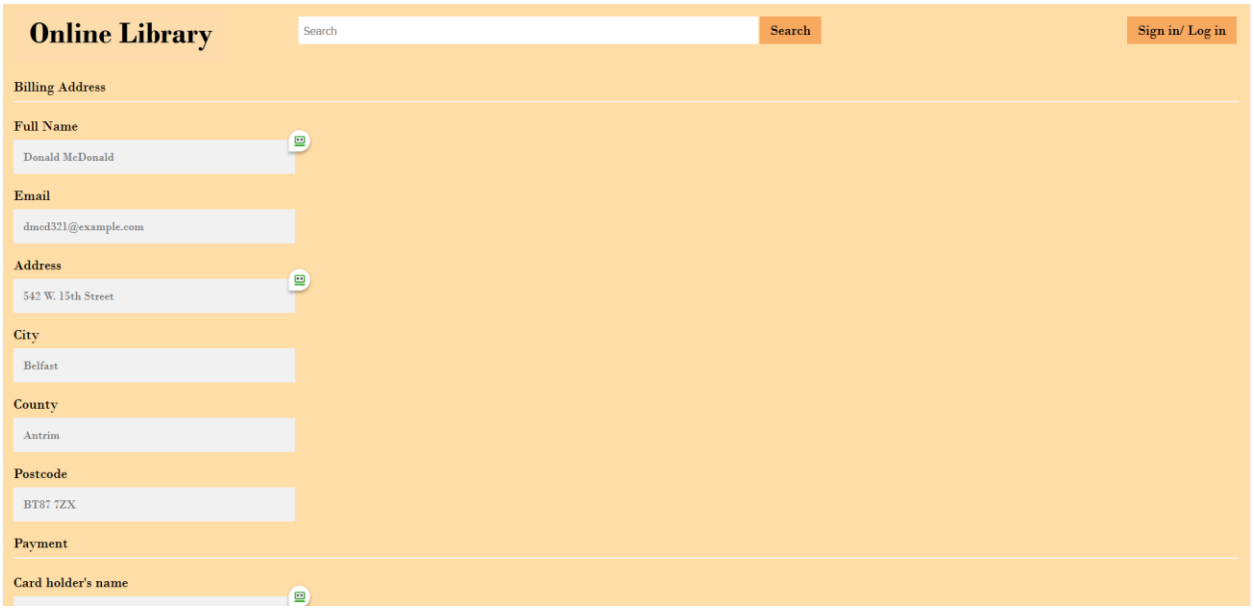
The preview page allows the user to read the book, purchase the book, add a comment, and read other comments.



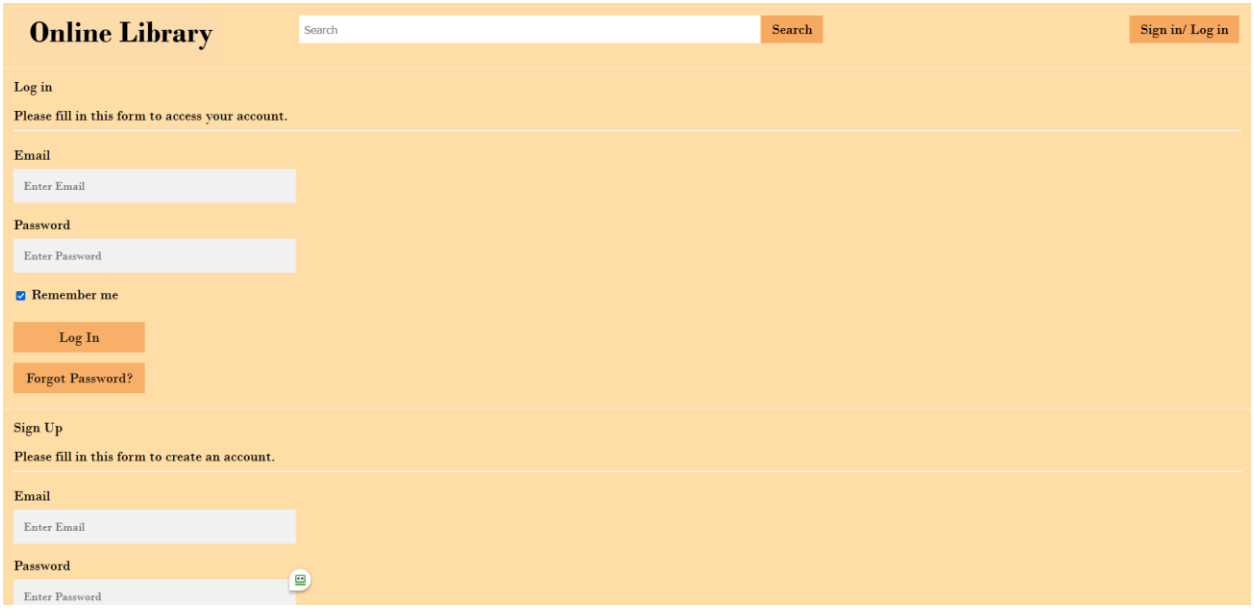
The reading page allows the user to read through each chapter of the book, accessibility options could also be implemented in the future.



The payment page allows the user to fill a form with their billing address and payment information, they can also view the books they have selected to buy from this page.



The sign in / log in page allows the user to either create a new account for the website or log into an already existing account.



OVERVIEW OF DESIGN PROCESS

DESIGN OF THE WEBSITE

First, we researched other similar websites and took notes of what they did.

THESE NOTES CAN BE FOUND IN THE DOCUMENT “ONLINE LIBRARIES AND MOCK UPS”.

Then we created a storyboard/wireframe based on the ideas that were gathered.

THE STORYBOARD CAN ALSO BE SEEN IN THE DOCUMENT “ONLINE LIBRARIES AND MOCK UPS”

DESIGN OF THE DATABASE

First, we found out what entities and attributes were needed for the database. After which, we normalized the attributes.

Customer

CustomerID, CustomerTitle, CustomerFirstName, CustomerSurname, username, Email, EmailOptIn, Password, DoB, Address, Town, PostCode

Review

Review, CustomerID*

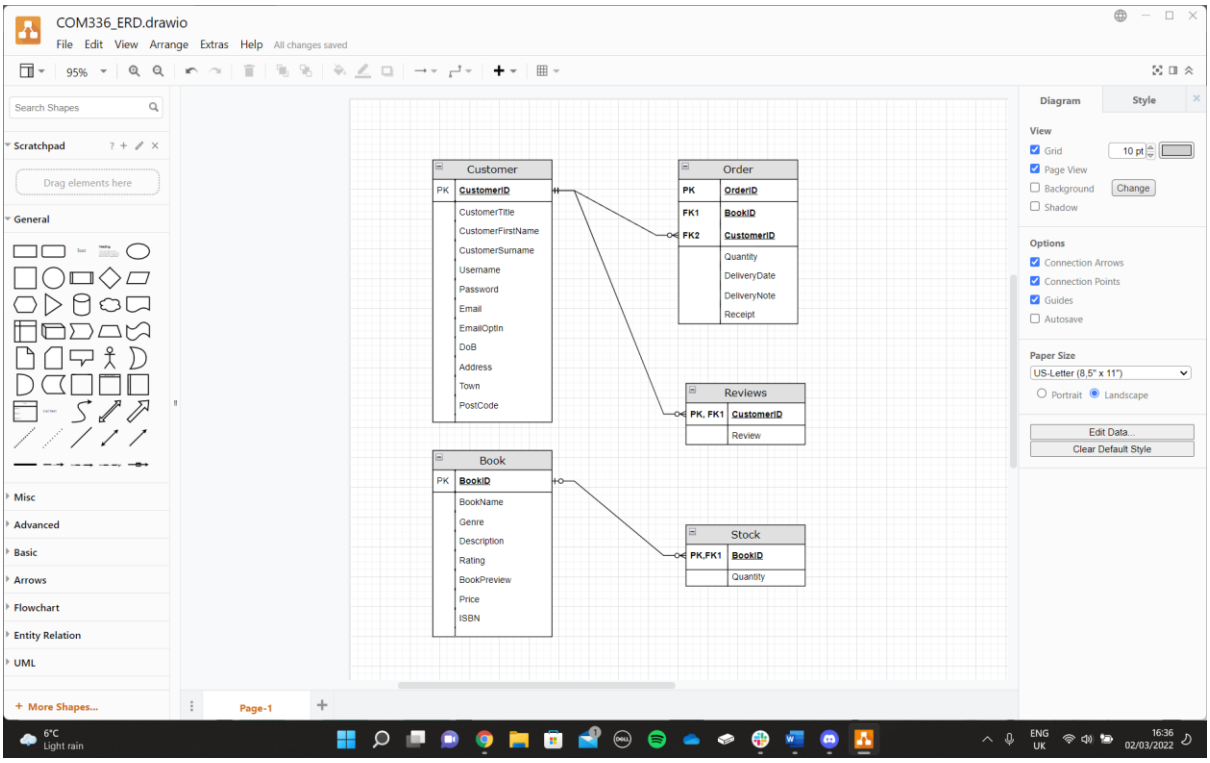
Order

OrderID, BookID*, ISBN, Quantity, DeliveryDate, DeliveryNote, CustomerID*

Book

BookID, BookName, BookAuthor, Genre, Description, Rate, CustomerReviews, BookPreview

Stock

Quantity, BookID*

Next, we designed some ERDs to map out relationships between the entities.