

Deliverable Final ReadMe

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This is gonna be the readme instruction on how to set up the database of our online library site and an introduction to our current functionality.

Introduction to the project:

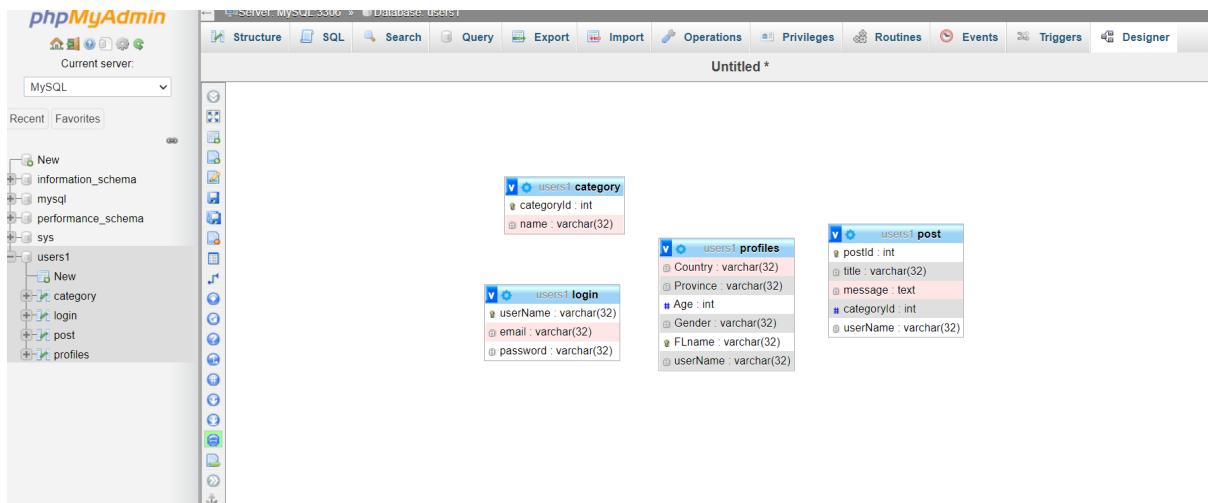
In this project, we are going to build an online web application that is meant to provide functions similarly to a library. The background is that these days, many light novels are only available in Japanese and not in any other languages, but there are many people that are willing to voluntarily translate them into different languages for people around the world to be able to read it. So my idea for this library is to allow people to register accounts on the library system, and allow them to upload the translated version of novels in different languages, and allow the reader to download them. Accompanying the base function, We also want to create some communication interfaces for the readers to communicate with each other, and this can be achieved by implementing the comment area, and the voting system.

Seeding dates and how to run php scripts.

The “ seedingdata.php” file is the file that have the written sql code and it can be use as script to build the example database with 2 users and 2 post. All you need to do is put the file under the “www” file inside the root directory of the Wampserver file. and you can run it in the localhost host wamp server page under the “project” area.

```
$hostname = 'localhost';
$database = 'users1';
$userName = 'root';
$password = '123456';
```

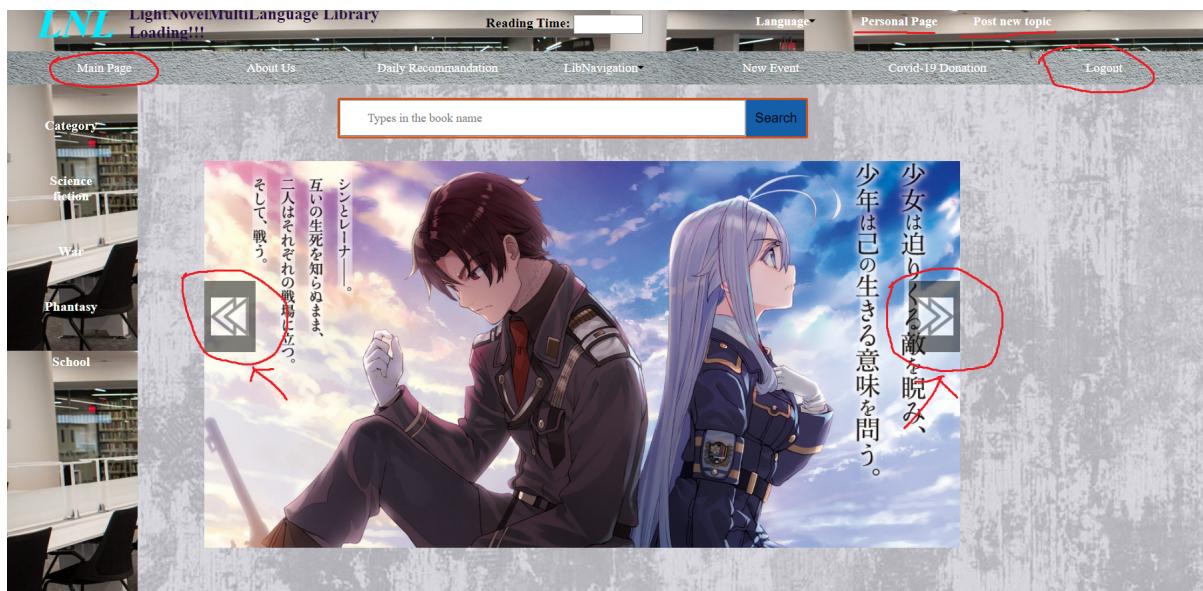
There are the default login information under the database.php file.



The seeding script will create 4 tables and insert information, which you can check under the seeding file.

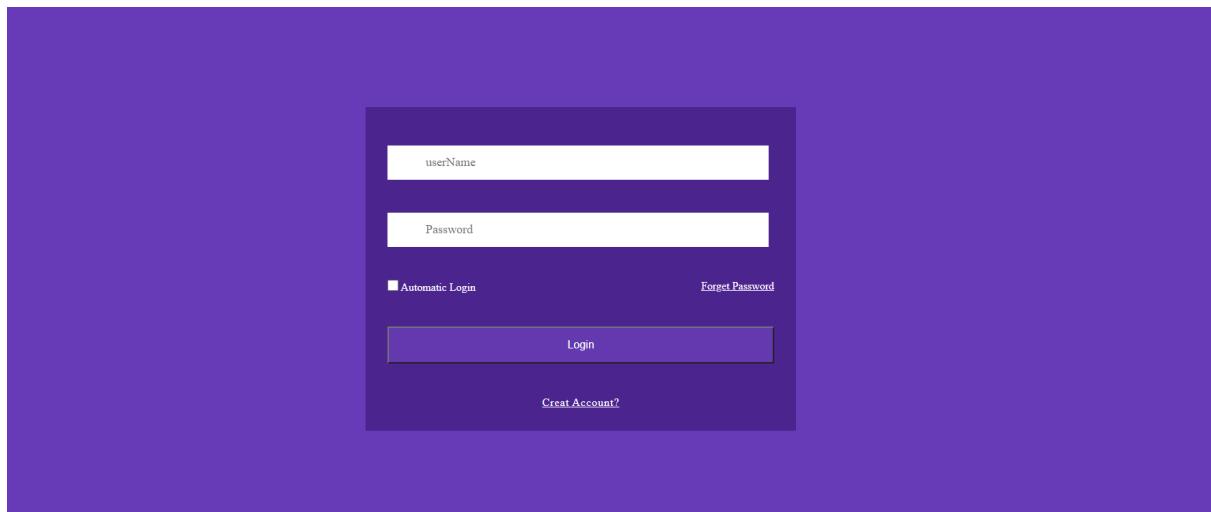
```
successcreate users1 success !
create table login success
insert success
insert success
build post table success
build category table success
insert success
insert success
insert success
build post table success
insert success
insert success
```

Regarding the main page of the website



I built a javascript function, which will allow the default of 3 pictures to Carousel every 5 seconds, or you can click on the arrow to change the pictures.

On the right top level, there will be an login button, once clicked, will redirect you to the login page and in which you can input the login informations



Once logged in, the session will be checked and the login button will become the logout button, and you will be redirect back to the mainpage , and you can click to log your user out and it will clear the session.

wait for 3 second

The screenshot shows the LNL website's personal profile page. At the top, there is a navigation bar with links for Main Page, About Us, Daily Recommendation, LibNavigation, New Event, Covid-19 Donation, and Logout. The main content area is titled "Personal profile". It contains several input fields: "Enter your Email address" with the value "dhe090@uottawa.ca", "Edit your password" with the value "*****", "Re enter your password" with the value "*****", "First Name and Last name" with the value "Dahong He", and "Country and Province" with the values "China" and "guangdong". There are also fields for "Age and gender" (set to "22") and "Gender". A "UserName" field has the value "dahonghe". A blue "Save Profile" button is located at the bottom right of the form.

For the personal profile page, it will display the information of the current user once you click and enter the personal page. And you can modify the information and save it to the database.

The screenshot shows the LNL website's registration page. At the top, there is a navigation bar with links for Main Page, About Us, Daily Recommendation, LibNavigation, New Event, Covid-19 Donation, and Logout. The main content area is titled "Register to Get access to All the novels!". It contains four input fields: "Email is used as your username" (Email address), "Enter your password", "Enter your password Again" (password), and "Enter your User Name" (Username). Below these fields is a checkbox labeled "I agree all the statements". A blue "Register" button is located at the bottom right. Below the button, there is a link "Already a member? Login".

The register page will allow you to create new users.

The Framework I used for http is the bootstrap 5 and the icon is the bootstrap 5 icon built-in.

The post area

Upon clicking the post new topic or clicking on the category, users will be redirected to the post page, in here you can see the post and create your own post, and can use filters to filter the category of books.

The screenshot shows the LNL website interface. At the top, there's a navigation bar with links for Main Page, About Us, Daily Recommendation, LibNavigation, New Event, Covid-19 Donation, and Logout. The title 'LightNovelMultiLanguage Library' is displayed, along with a progress bar labeled 'Loading!!!'. Below the navigation, there's a search bar with the placeholder 'Science fiction' and a blue 'Create a new post' button. The main content area displays two posts: 'The volumn one for spice and wolf' (Posted by dahonghe) and 'Volumn 2 of 86' (Posted by dahonghe). To the right, there's a sidebar titled 'Active Topics' showing a single entry: 'The volumn one for spice and wolf' (Posted by dahonghe). At the bottom, there's a 'Stats' section with four items: '4 Topics', 'number Posts', 'number Members', and 'dahonghe current User'.

After words

The project is still not completed yet, and the post function was intended to create something similar to a forum and is only half way done. I have many obstacles when learning many php and scripts for sessions and posting and sorry for the incomplete project.