**Proposal**

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<https://github.com/WorkCite/360project/tree/master>

We are going to pick MyDiscussionForum Website as our project.

**Minimum Deliverable**

Users

1 Browse discussions/posts once they are in the website

2 search function on the top of the all the user pages

3 login/ sign in function(login need username and password, sign in need username, email, password, noticing that all of them cant be null)

4 able to comment posts once users log into the site

5 user profile page(display and able to change their personal information)

6 forgot password recovery through email

Administrators

7 search function on top of the page

8 able to add user and delete user

9 able to edit, remove existing posts and comments

10 proper styling and prototypes

**Layout Document**

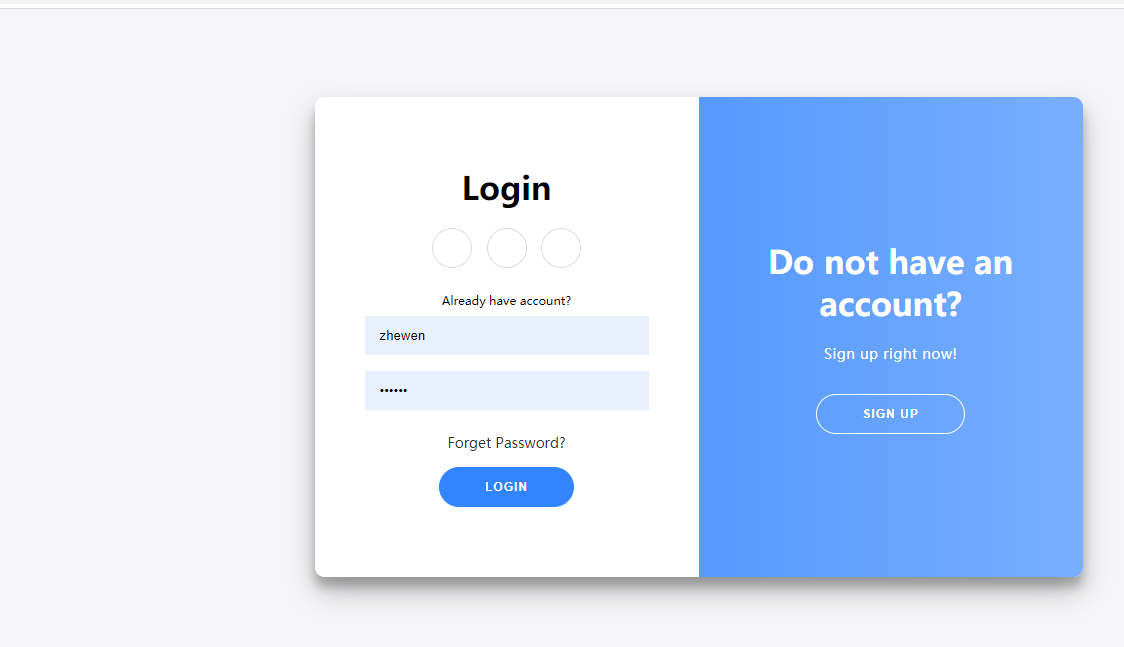
Steps: HTML CSS front end build -> Database creations -> Filling PHP back end functions -> Adding JS and JQUERY -> Debugging and Repairing -> Testing -> final report

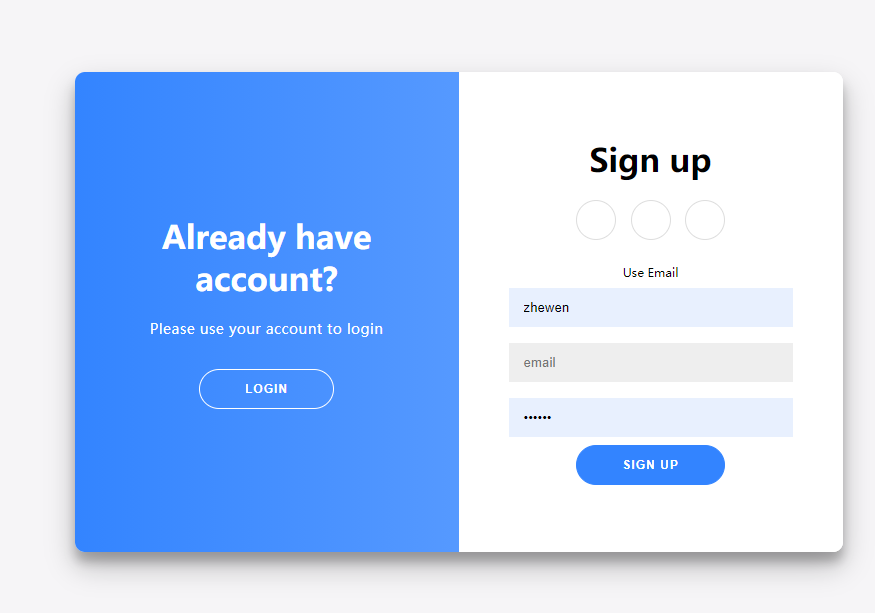
Users -> home.php -> login.php if remember password -> home.php if forgot password -> forgotpassword.php -> reset.php, so users can log into home.php. After login/signup into home.php, they are able to -> profile.php or -> posts.php or logout by logout button which goes back to the original home.php.

Admin ->home.php ->login.php Detect if the admin username and password inputted, then -> admin.php. If the user button clicked -> signup.php. If delete username is being inputted and click ok to delete, it goes -> deleteuser.php. If a number of posts is being clicked, -> adminposts.php which detect the username being clicked and display the posts that user has.

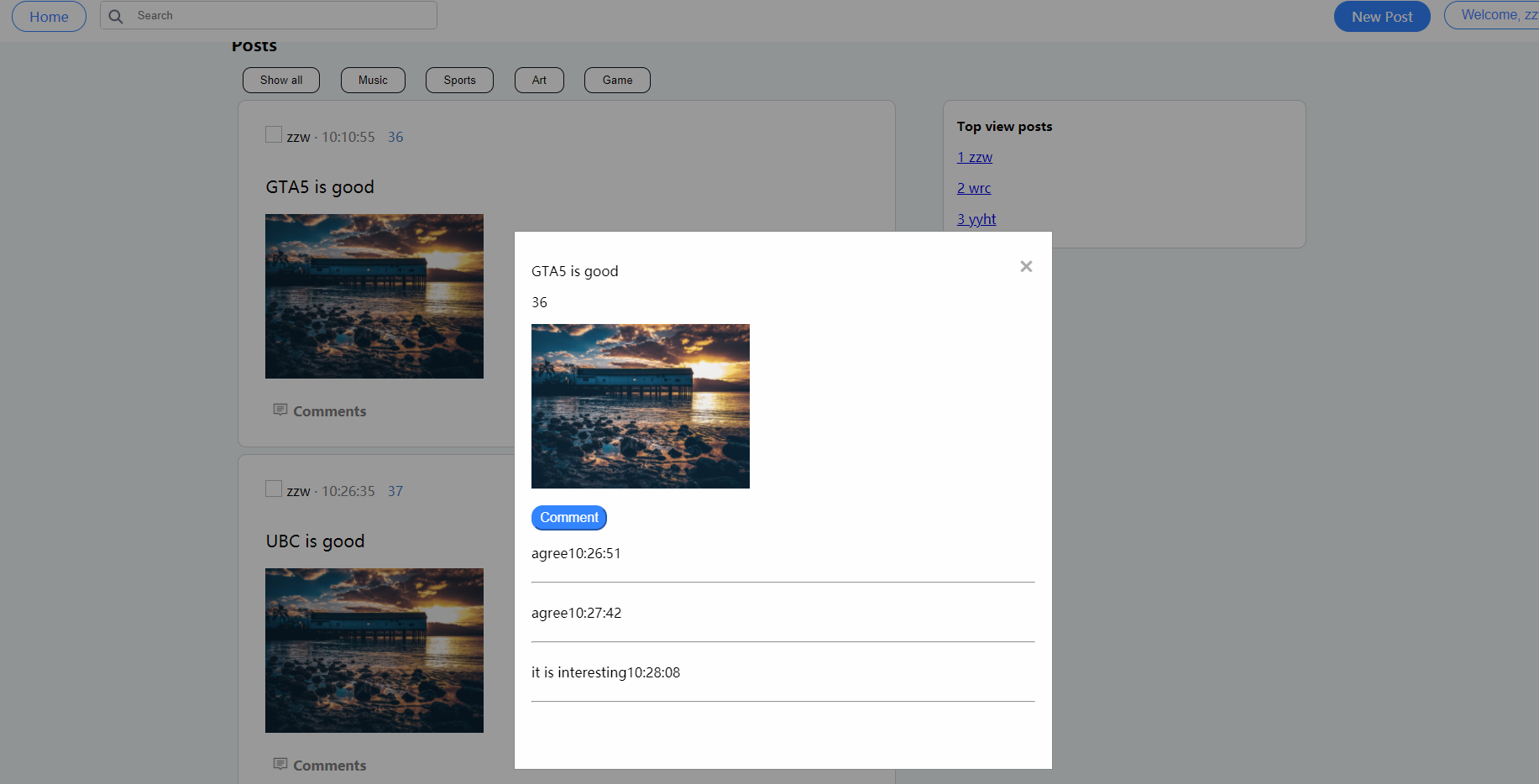
For the site, we decided to use color blue and white as the main color which has a good visual viewing. In addition, we make sure that by window squeezes, the viewing port functions are remaining the same instead of overflowing(ipsum lorem). We make sure that each page doesn’t have bugs and they all properly worked as we designed. For the administrator, he can’t see the user password, but he is able to delete the users. Noticing that all the input lines cant be null, so if null is detected, please fill a message will display. We also make sure to highlight and change background button color when the mouse hover over the links or buttons.

**Pictures of each page in the developing stage**

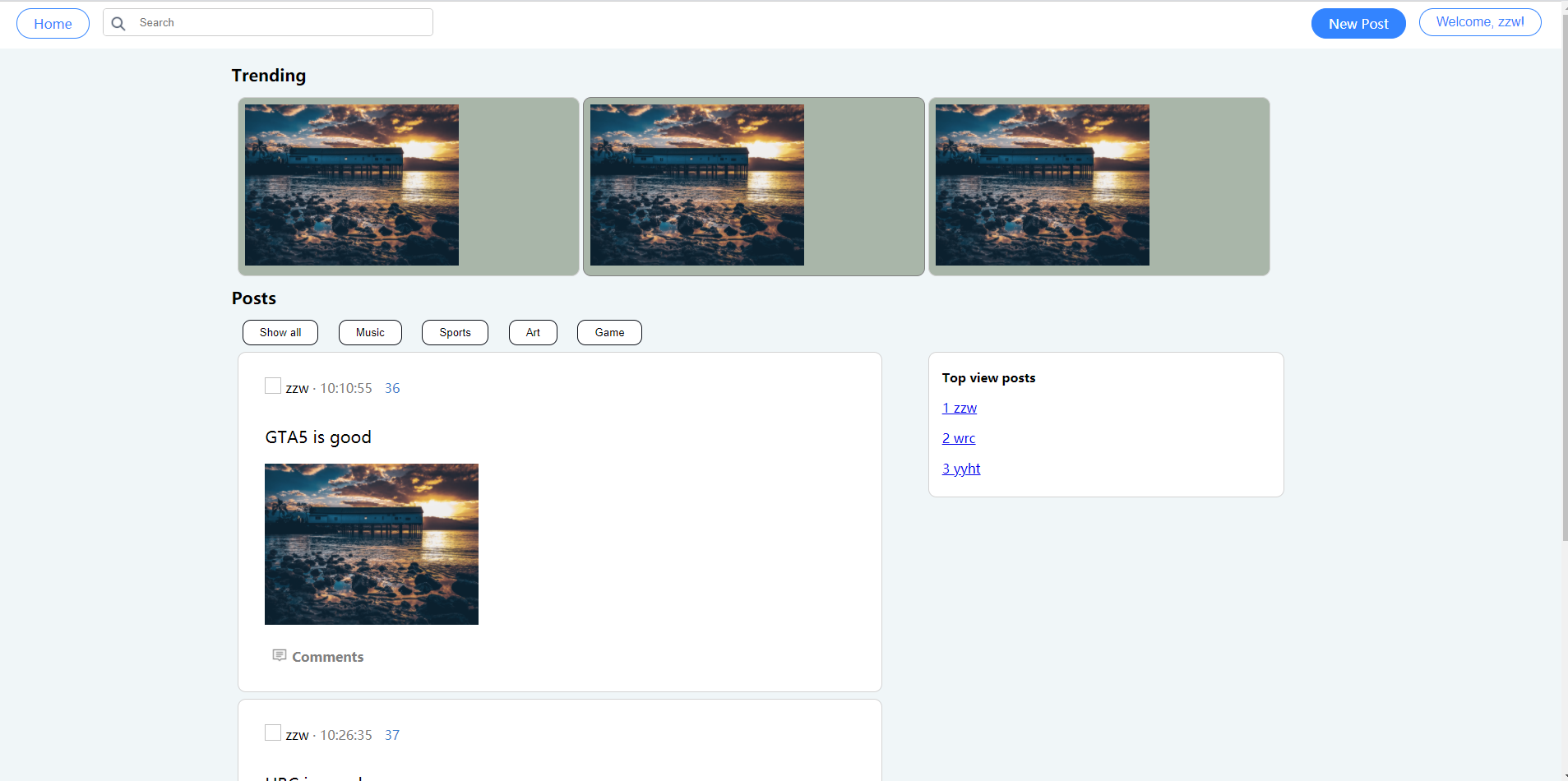
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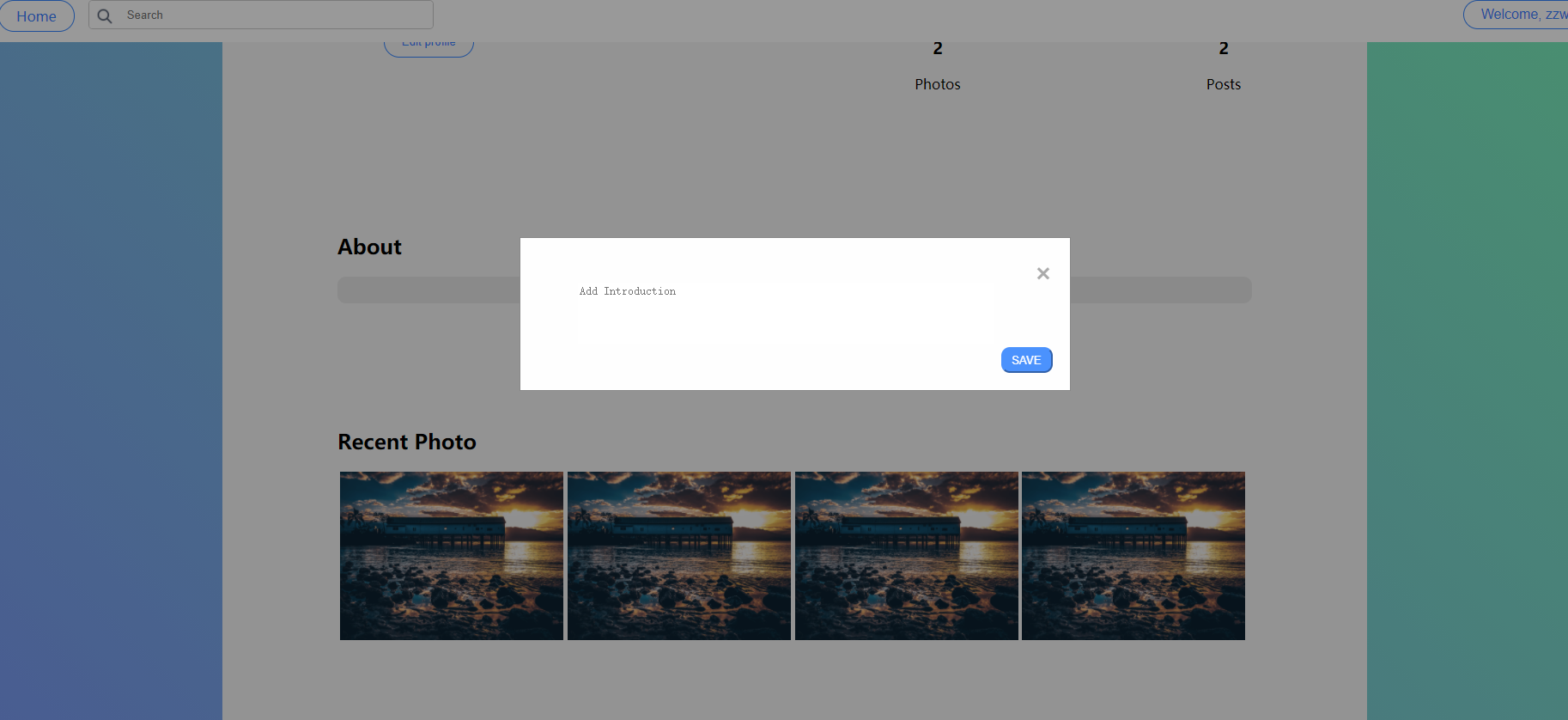
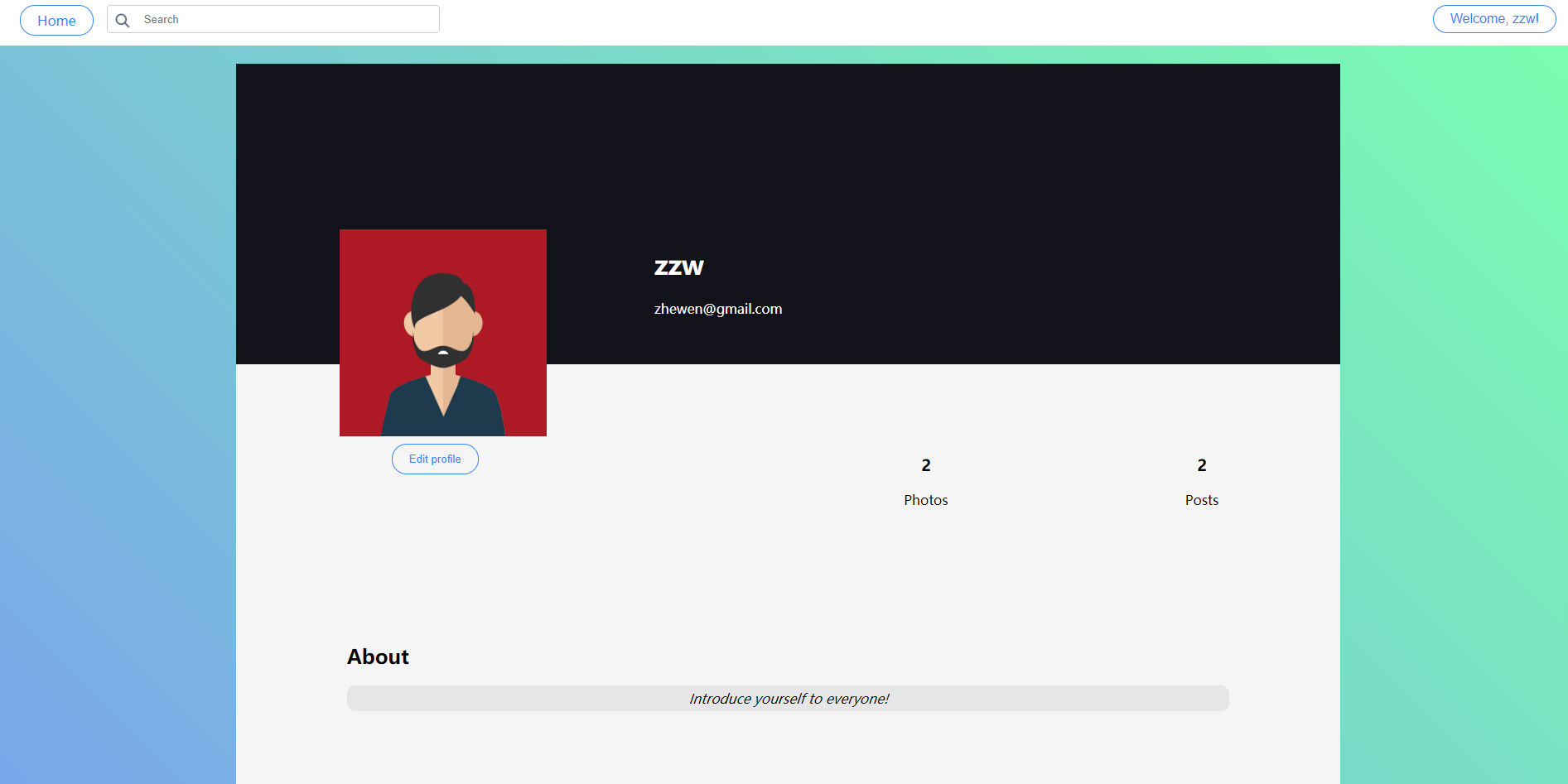
login /signup



Post appeared in the center of browser

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Home page

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Profile page

**Summary of Features implemented**

Users

1 Browse discussions/posts once they are in the website

2 search function on the top of the all the user pages

3 login/ sign in function(login need username and password, sign in need username, email, password, noticing that all of them cant be null)

4 able to comment posts once users log into the site

5 user profile page(display and able to change their personal information)

6 forgot password recovery through email

7 Filter posts

8 listing top view posts

9 collapsible posts

10 posts history

11 posts sort by date

Administrators

12 search function on top of the page

13 able to add user and delete user

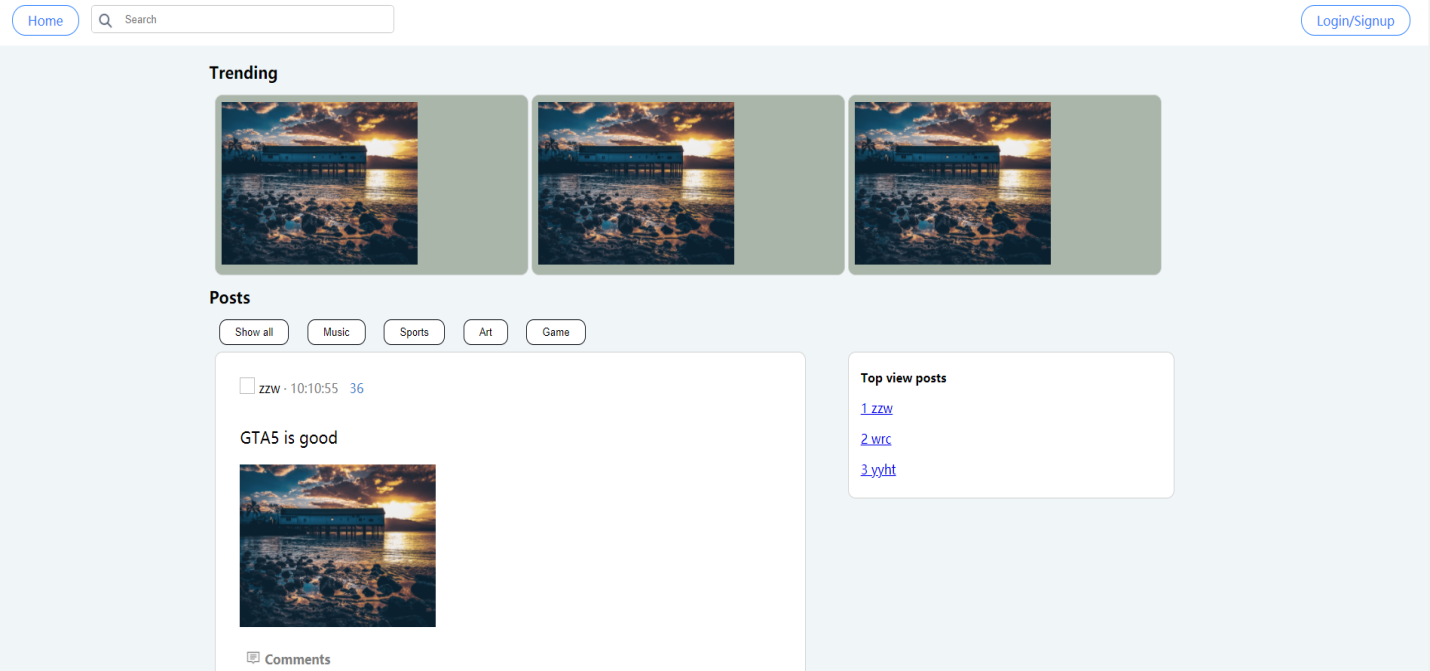
14 able to edit, remove existing posts and comments

15 proper styling and prototypes

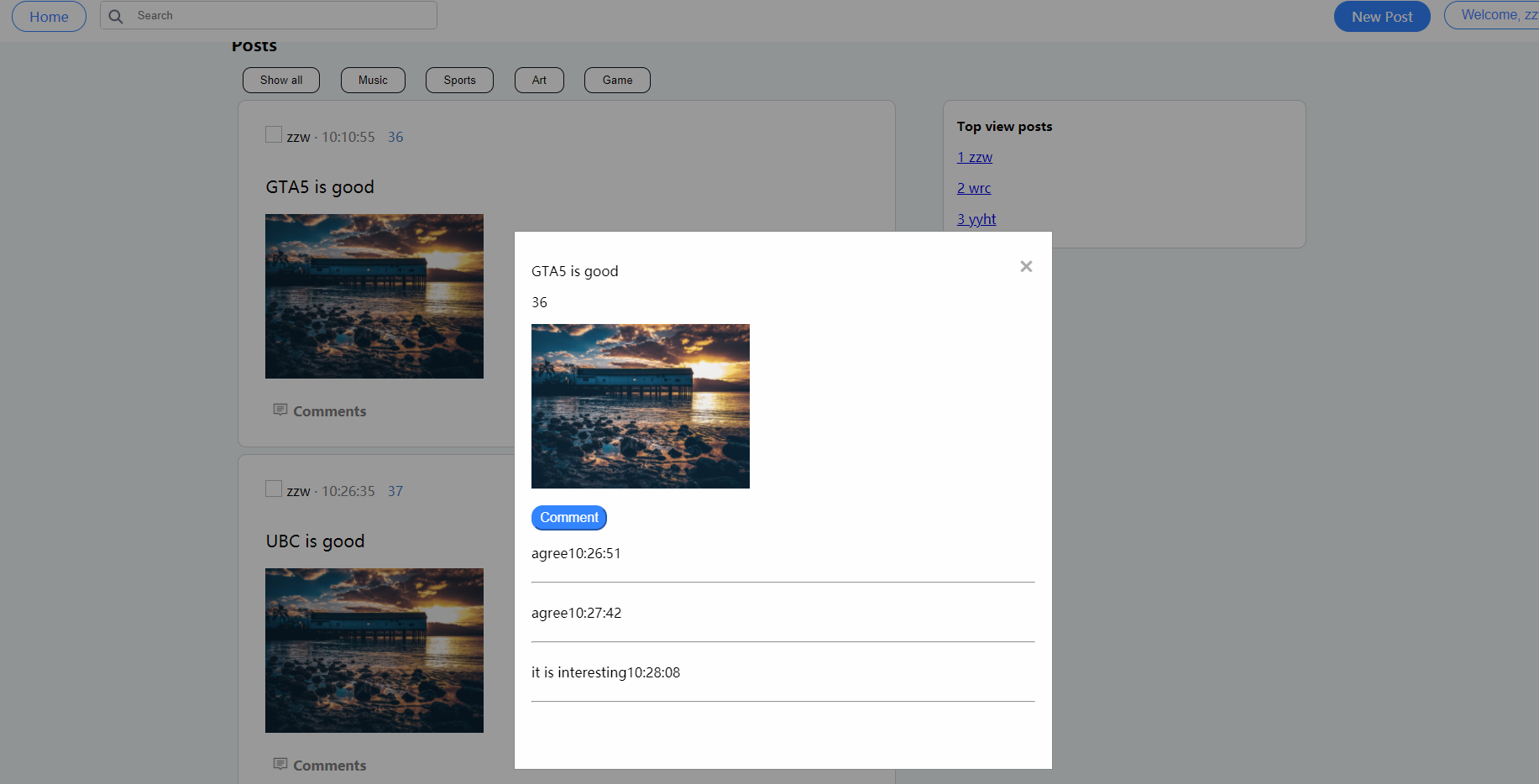
**User Guide(example pictures are all down below tasks)**

**Users**

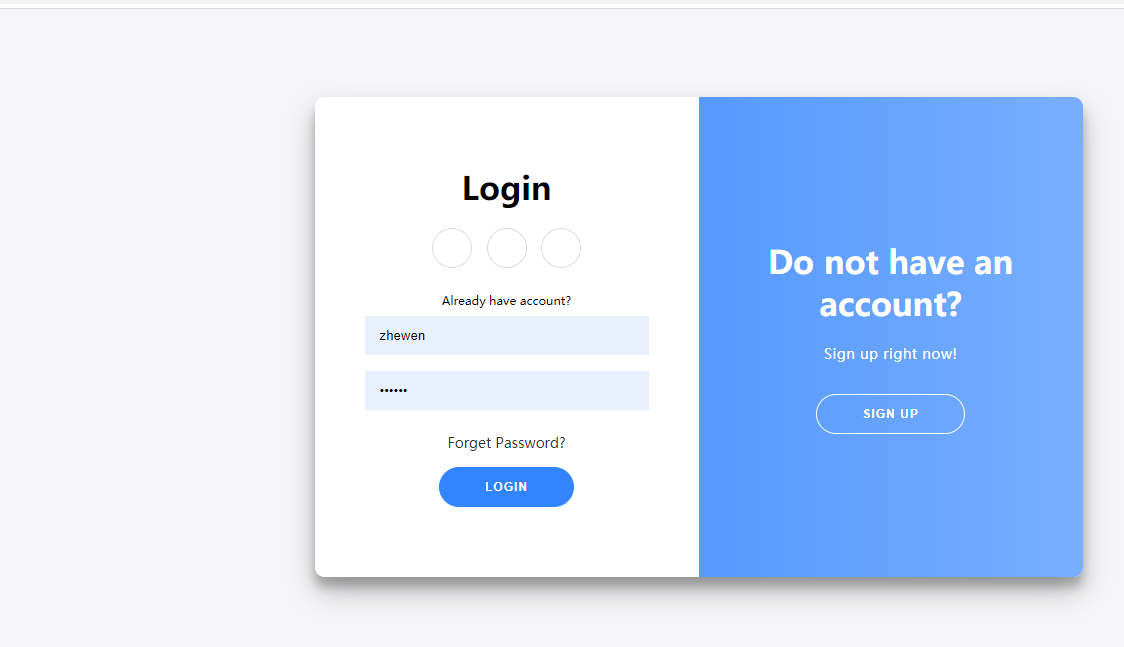
1 users can browse our home page without login/sign up, and they are able to see the trending posts, regular posts ordered by the posting time, comments below and top viewed posts with a list. They can’t see posting new posts and comment buttons to add their thoughts. There is also a home button on the top left corner, a login/sign up button on the top right corner.

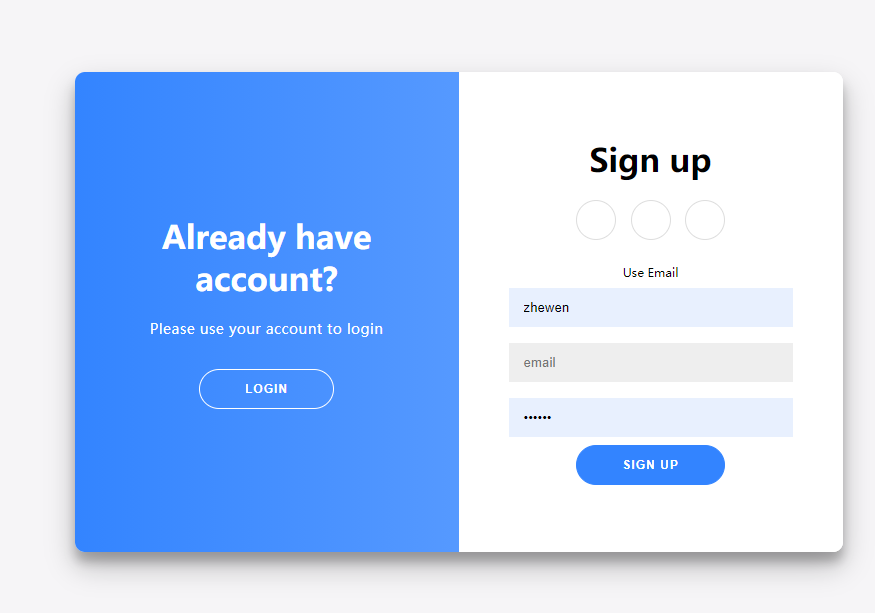


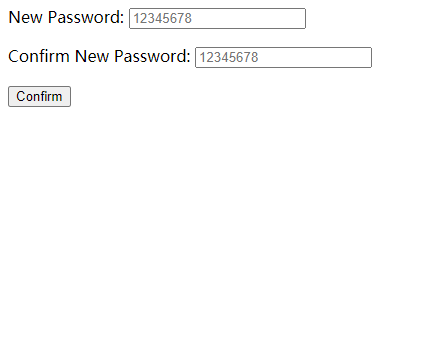
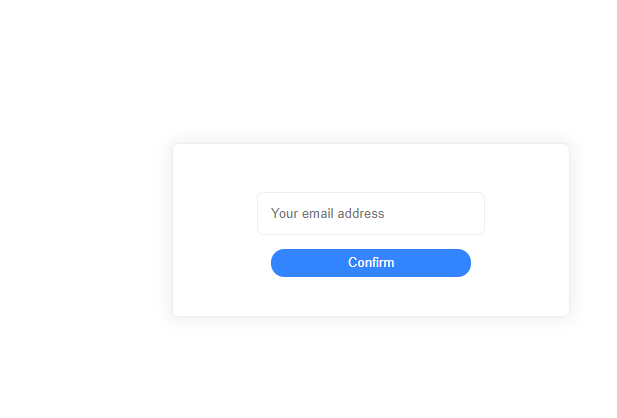
2 If users click on any post, that post will pop up in the center of the window, so users can view the whole post with comments if the post is pretty long. In addition, they can use search and filter to find the related posts quickly.



3 users can click on the top right corner to login/sign up. By inputting their username, email and password(all of them are required), they can return to the home page within three seconds or they can click yes to jump back into homepage with their username on the top right corner, and they can see new post button and add comments button after each post.

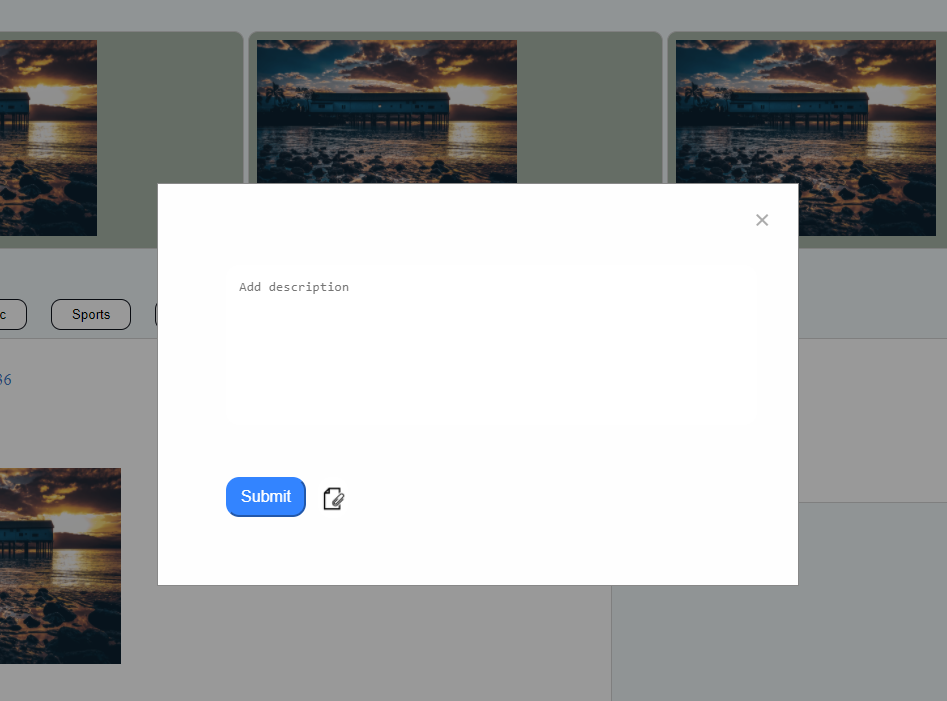


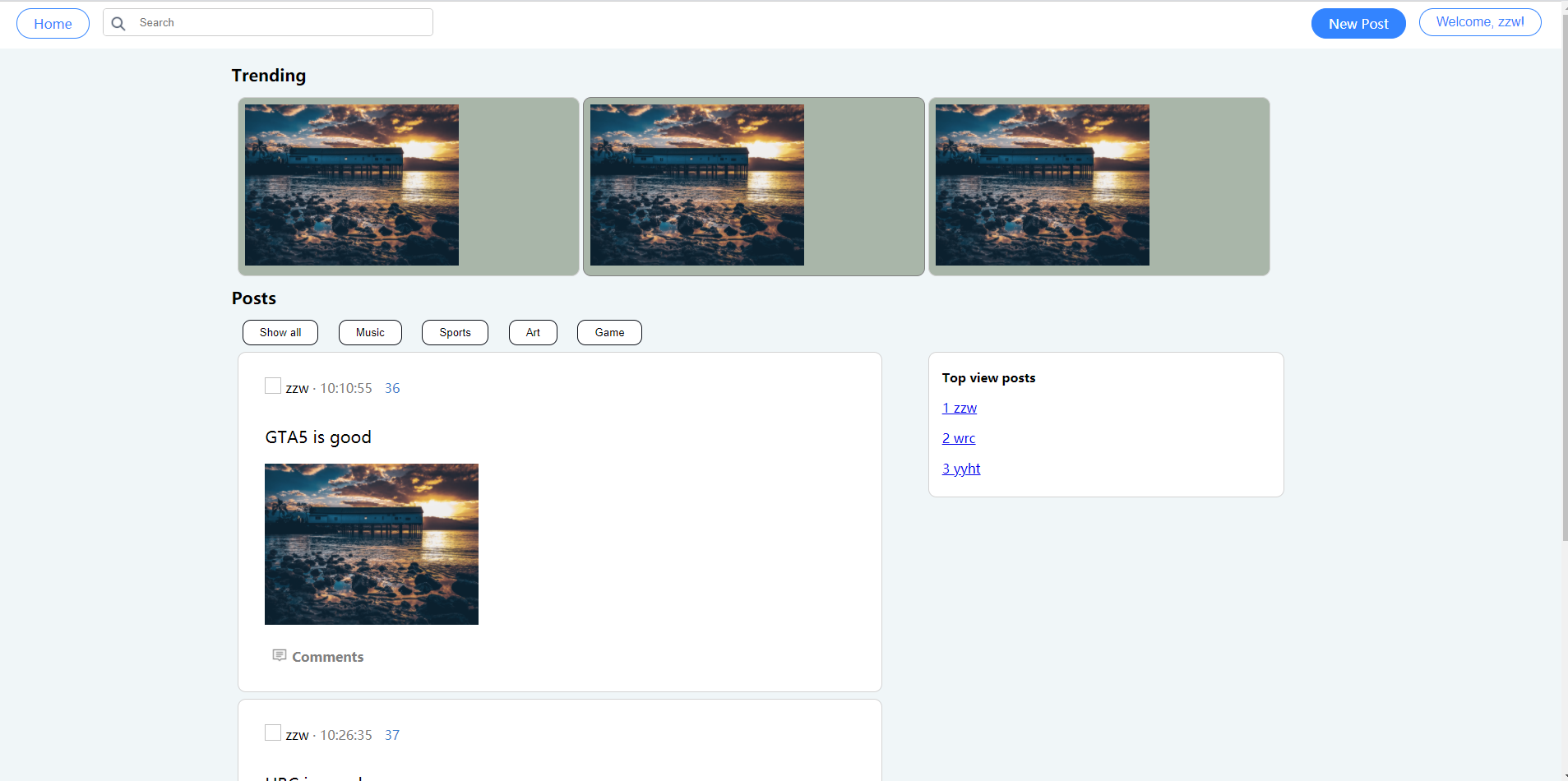




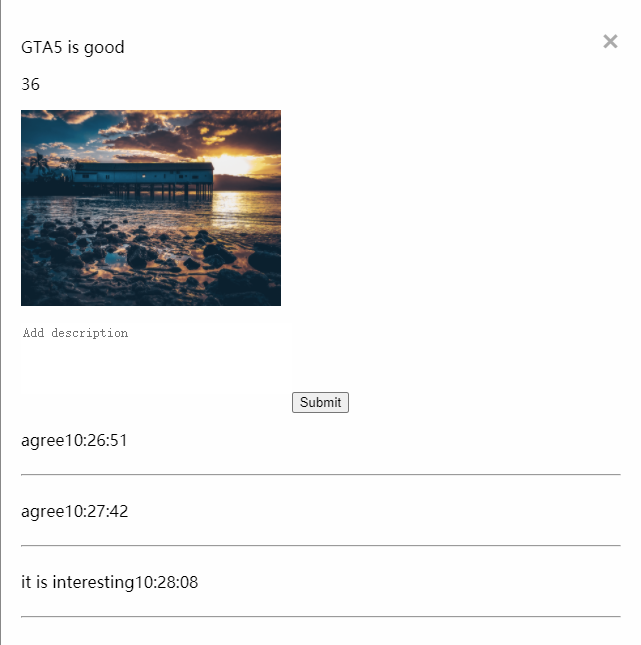
click forgot password, change your password through your email.

4 users can click a new post button, there will be a blank post format pop up in the center of the browser, so users can input one picture due to our small database, main contents of their thoughts. If users want to cancel the post, they can click X on the right corner or click other places which are not on the new post to close it. After users modify the posts with their designs, they can post that with the submit button, so the new post will form in the post session with the current time they are having with.

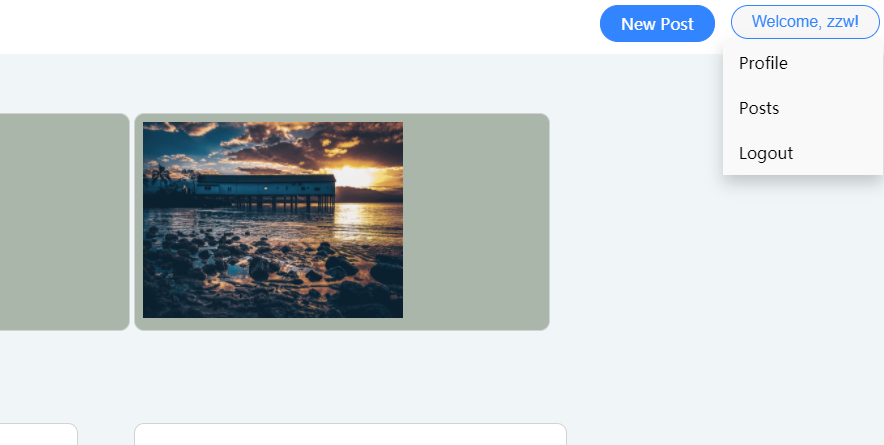




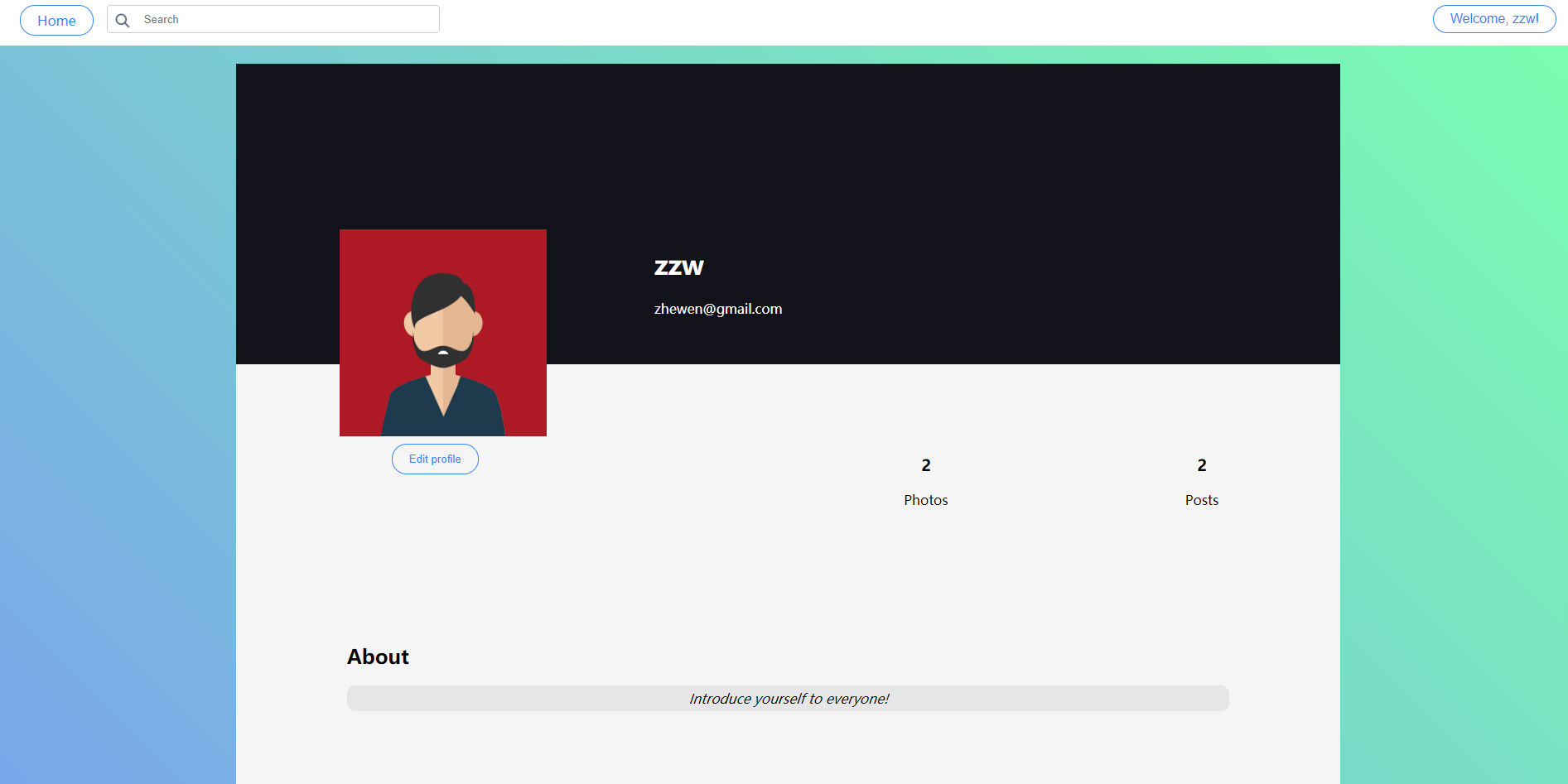
5 users can add comments if they click the comments button in the post, and there will be a pop up in the center of the browser for users to input their thoughts. If users want to cancel the comment, they can click X on the right corner or click other places which are not on the new post to close it. If users commit their thoughts, it will appear in the post once they click the submit button.

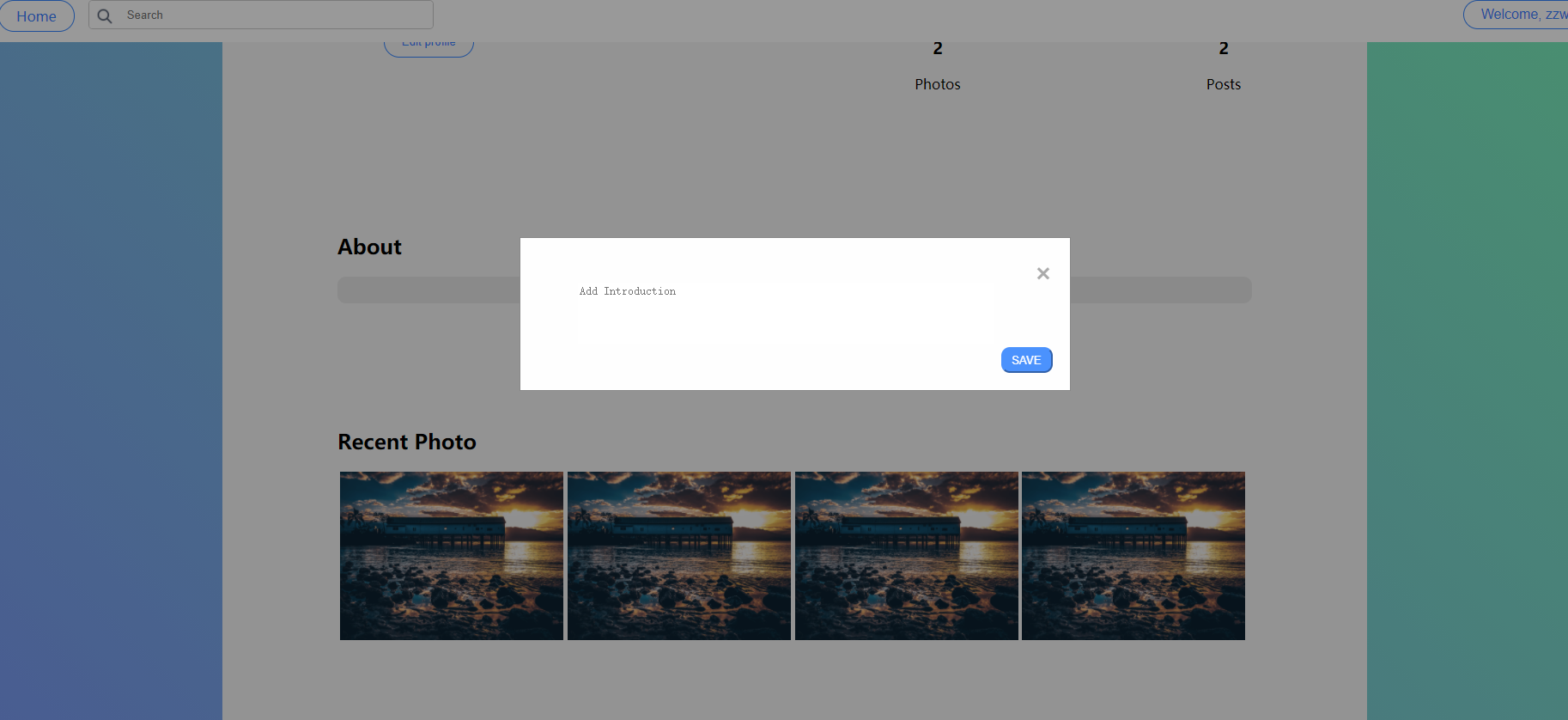


6 users can click their username on the top right corner to have a scroll list with profile, posts, and logout three buttons. Users can jump into the profile page, their history posts page, and log out which is going back to the main page at the beginning without the login/sign up information.

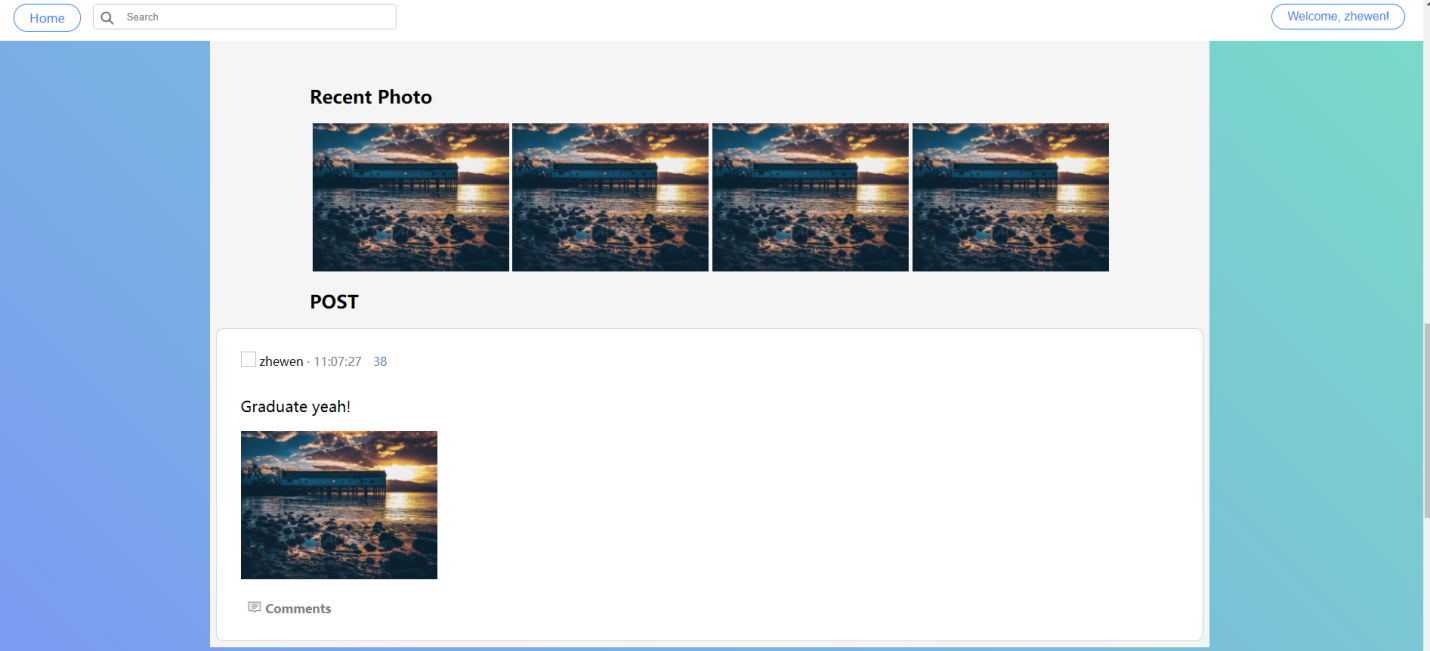


7, if users click on the profile page, they can view their username, account picture, little description of themselves, and the pictures they use in the previous posts. Users can modify that by clicking the material they want to change, so there will be a pop up, and users can modify that. After submitting the changes, users can view the current page with the modifying materials.

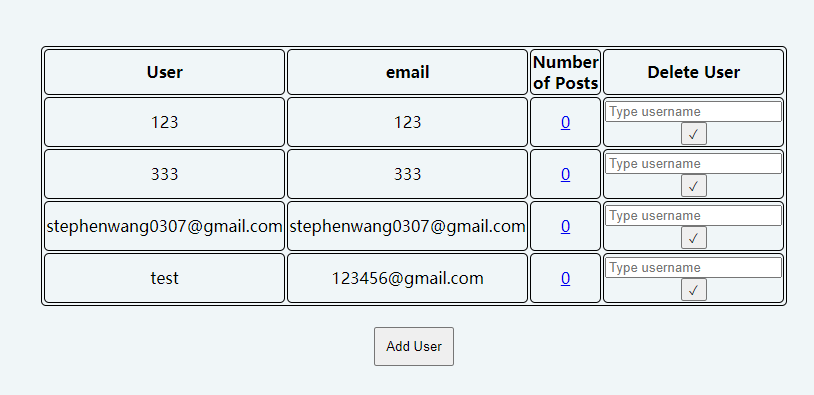




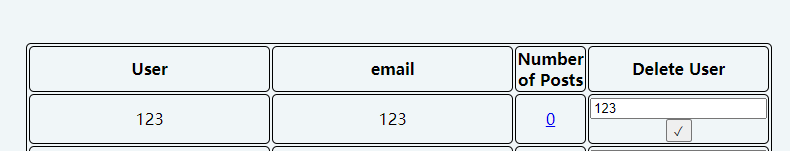
8 If users click on the post pages, they can see all posts they posted, and they can edit or delete the posts if they want to by clicking the post they want to make a fix. There will be a pop up of the post if users click on the post, so they can edit and submit the change. If they submit the change, posts are automatically fixed in the post page.

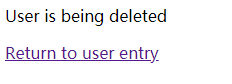


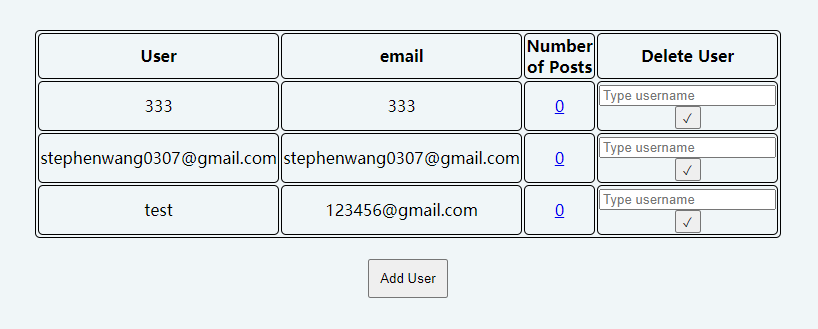
**Administrator(username=[admin@qq.com](mailto:admin@qq.com), password=admin)**

1 If the administrator username and account is being detected, it jumps to the admin page which has a search bar on the top, admin icon on the top right corner, home button on the top left corner. Below that, there is a table in the center of the browser which the administrator can see all the users listing by row, each user containing how many posts, delete that user. There is also an add user button after the table which allows the administrator to add users.Search functions allow the administrator to search a result that matches the username, post numbers, post names, and emails.

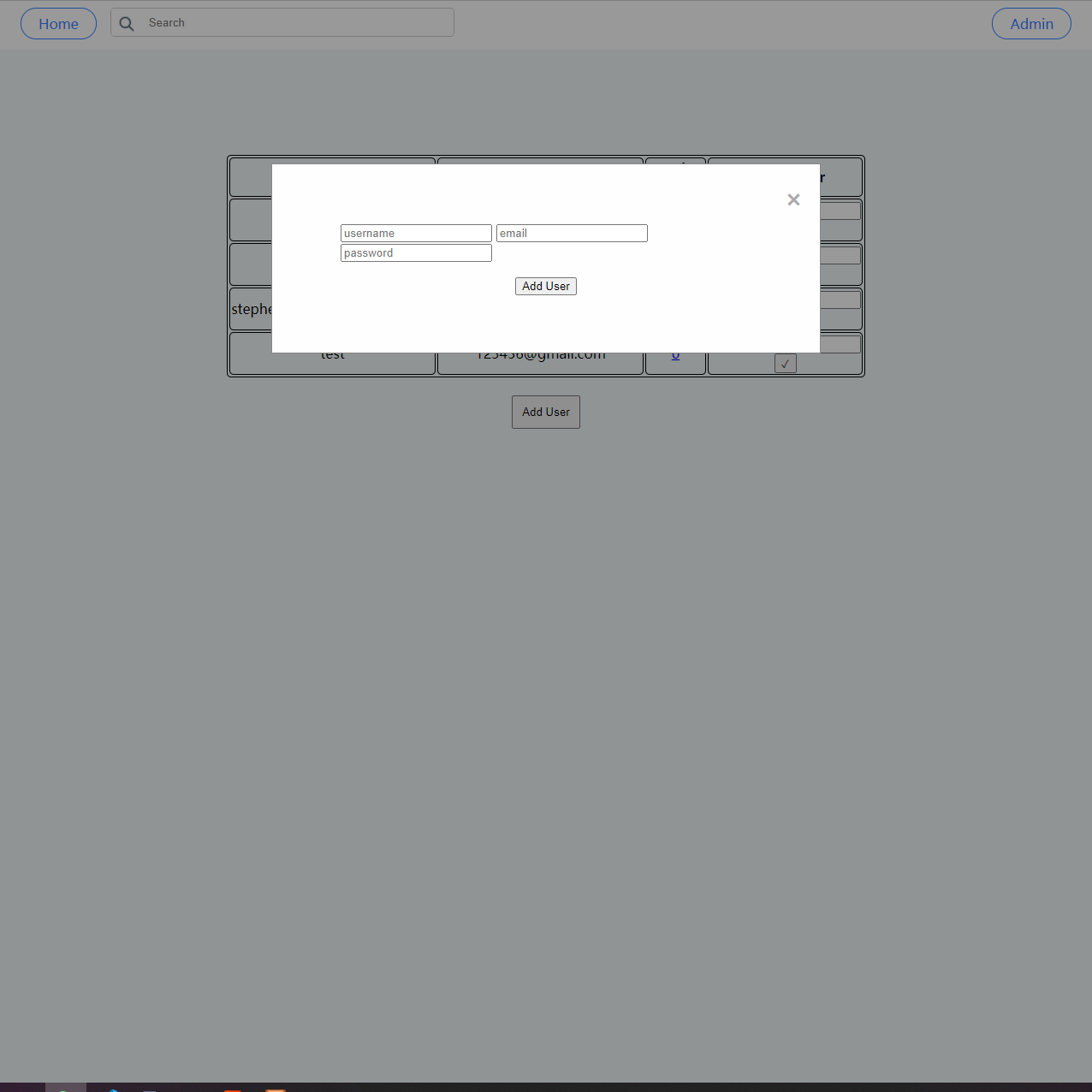
2 To delete an user, type the username you want to delete on the right input box and click the check mark button, it will tell you whether deletion is complete or not, and the administrator can click return to get back to the administrator page. The user we are deleting from is being deleted in the table.







3 To add a user, click the add user button, so there will be a pop up telling the administrator to input non-empty username, email, password to complete the adding user function. Same as the deletion function, the administrator will see a message telling himself whether addition is complete or not, so he can click return to get back to the administrator page. New user is added to the table.



4 For modifying the posts and comments, the administrator can click on the specific number of posts that follow by a username to see all the posts and comments under those posts, so the administrator can modify posts and comments after seeing those posts. Administrators can click the home button to the main administrator page.



**Useful Implementations to support features**

PHP sessions

SQL query

PHP connection to database methods

Javascript model methods

Javascript and Jquery

Combined html code and PHP code in .PHP files

Render links with specific time methods

Database create table methods

HTML links and Buttons

Proper CSS style

AJAX asynchronous updates

SMTP/PHPMailer method

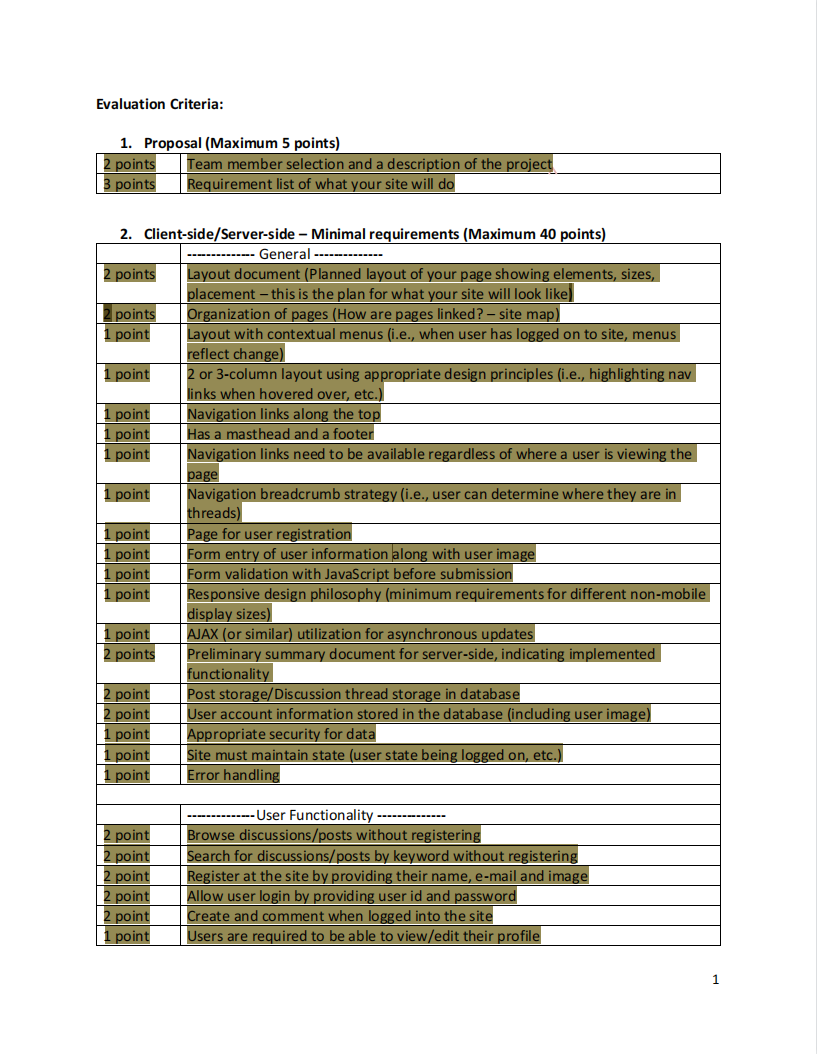
Search functions

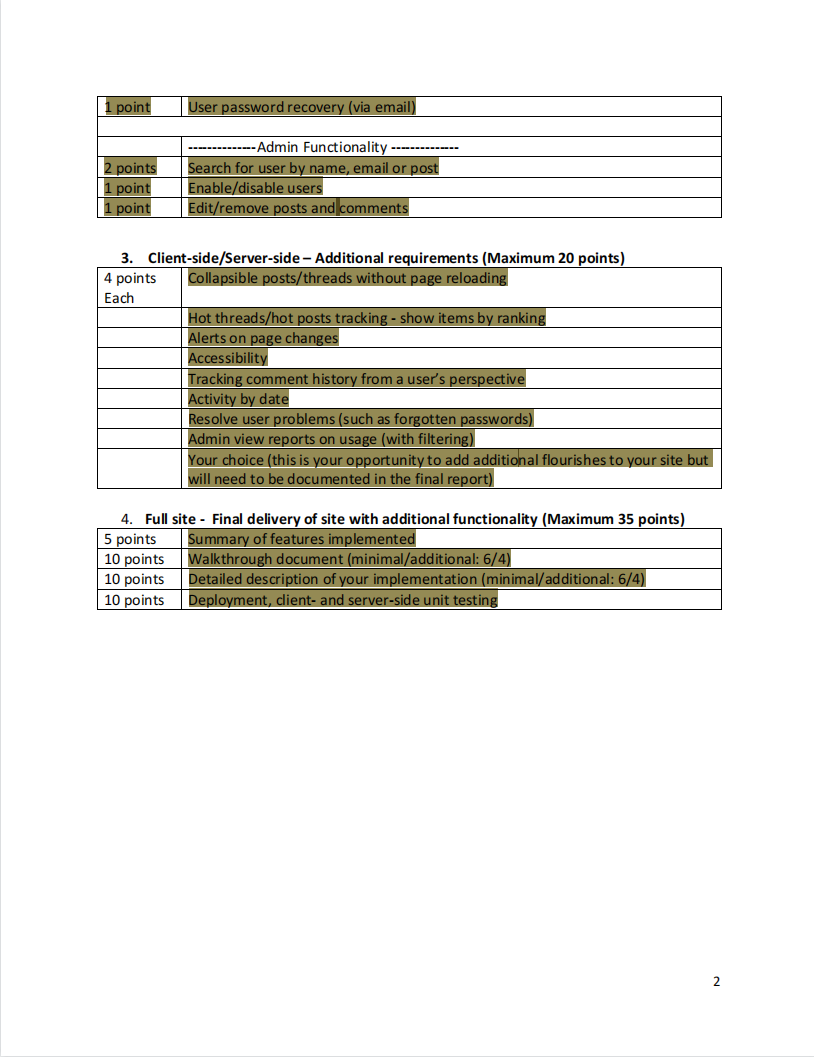
While, If loops

**Description of Implementation**

In our project, we use basically sql commands, local database, php files, javascript files, and css files. As we develop our codes, we input our html files in the php files to make backend executions and frontend templates in a single file which makes us to use and check functions easier and quickly.To add on that, all variables don’t to be passed to other files which may need more codes to write up this project, so our codes are being simplify and integrated. Because we are using the PHP session method to decrease the number of files which makes a PHP file bigger but containing every needed detail in a single file, we don’t have many pages to jump into or out. In addition, we use javascript model methods to create pop ups when specific buttons are being clicked which will make a small window in the center of the browser, and we believe this is making users to use our site more convenience and easy to control which prevent jumping back and forth in many pages to confuse users. Due to significantly huge amount of files, we organized them into many folders which are php configuration files, css files, img files, javascript files, sql files, the only file types that we put directly in the folder is the main php files which make us to know how many pages in total, so if one member add one more php files, all other members will confirm that the page is being needed separately or can be integrated into another php file which makes the branch clean and organized. As we are using sessions, one page is being used with many functions, the data synchronization is much more important, because we don’t want our users to comment or post their thoughts but not showing up on the page, so we use the AJAX method to asynchronous the posts and comments which makes users can see what they just did without refreshing the pages. If the users forgot their password, they are able to use click forgot password in the login page which users can reset their password with the email they provided. For the limitations of the site, I would say that we only allow users to import one picture per post due to our small local database, and if users don’t input specific titles in the content, the little demo of display posts is lack of captions. In addition, PHP can not read image if image has been transferred into binary.

**Deployment testing (Highlighted if met testing requirements)**





Tested by all group members