

Course name : Web Systems and  
Technologies

Course code : EIE4432

student IDs/names :

19069748d Kwok Kevin

assignment name :

Project report

date : 5/12/2022

## Content List

1. Introduction-----	Page.3
2. Function Specification-----	Page.4-5
3. Database Design-----	Page.6-7
4. User Experience-----	Page.8-11
5. Conclusion-----	Page.12
6. Future Development-----	Page.13

# **Introduction**

The HyperText Markup Language or HTML is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets (CSS) and scripting languages such as JavaScript.

Web browsers receive HTML documents from a web server or from local storage and render the documents into multimedia web pages. HTML describes the structure of a web page semantically and originally included cues for the appearance of the document.

Also, PHP code would be used through html while PHP is a general-purpose scripting language geared toward web development. On a web server, the result of the interpreted and executed PHP code – which may be any type of data, such as generated HTML or binary image data – would form the whole or part of an HTTP response. Various web template systems, web content management systems, and web frameworks exist which can be employed to orchestrate or facilitate the generation of that response.

In this project, an online lost-and-found system would be built.

In this system Users can

- register and login the system
- create a notice of either “lost item” or “found item”
- view notice and the details
- respond to a notice , and once a notice is responded, it is marked as completed

In this system, Admin can view notices, and/or show some system statistics

# Function Specification

<u>Category</u>	<u>Function</u>	<u>Finished or not</u>
User Registration	Common information: user id, nick name, email, profile image, gender, and birthday	Yes
	Common information: user id, nick name, email, profile image, gender, and birthday	Yes
	An admin doesn't need to register an account.	Yes
User Login	Two roles: admin and users	Yes
	Use id and password to login. The admin uses default id "admin" and password "adminpass" to login in.	Yes
	Remember login status using cookie	Yes
	User logout (and delete cookie)	Yes
	Forget and reset password (for users)	Yes
User Operations	Create Notice: A user creates a notice with the following information: type (lost/found), date, venue, contact, description, and image.	Not complete yet
	View Notices: A list page of all pending notices in the system. Each notice has "respond" and "view" buttons.	Not complete yet
	View My Notices: A list page of all notices that are created or responded by the user	No
	View Notice Detail: A detailed page of a notice (including response if it is completed)	Yes

	Respond to A Notice: A user responds to a notice by sending a message in the textbox to the owner of the notice. The notice will be marked as completed.	No
Admin Operations	View List of Registered Users: A list page of all registered users in the ascending order of users' nick name, showing the number of notices each user created and responded, respectively.	Yes
	View List of Pending/Completed Notices: Two list pages of all pending or completed notices in the system	Yes
	View List of Notices of A User: A list page of all pending or completed notices in the system created by a user, specified by the user id	Yes
	*(Optional) System Statistics: Use a chart to show the statistics of the number of notices in different age ranges (e.g., [10, 30], [30,50], [50, 70], etc.) among users.	No
	*Extra Delete Post/User's account	Yes

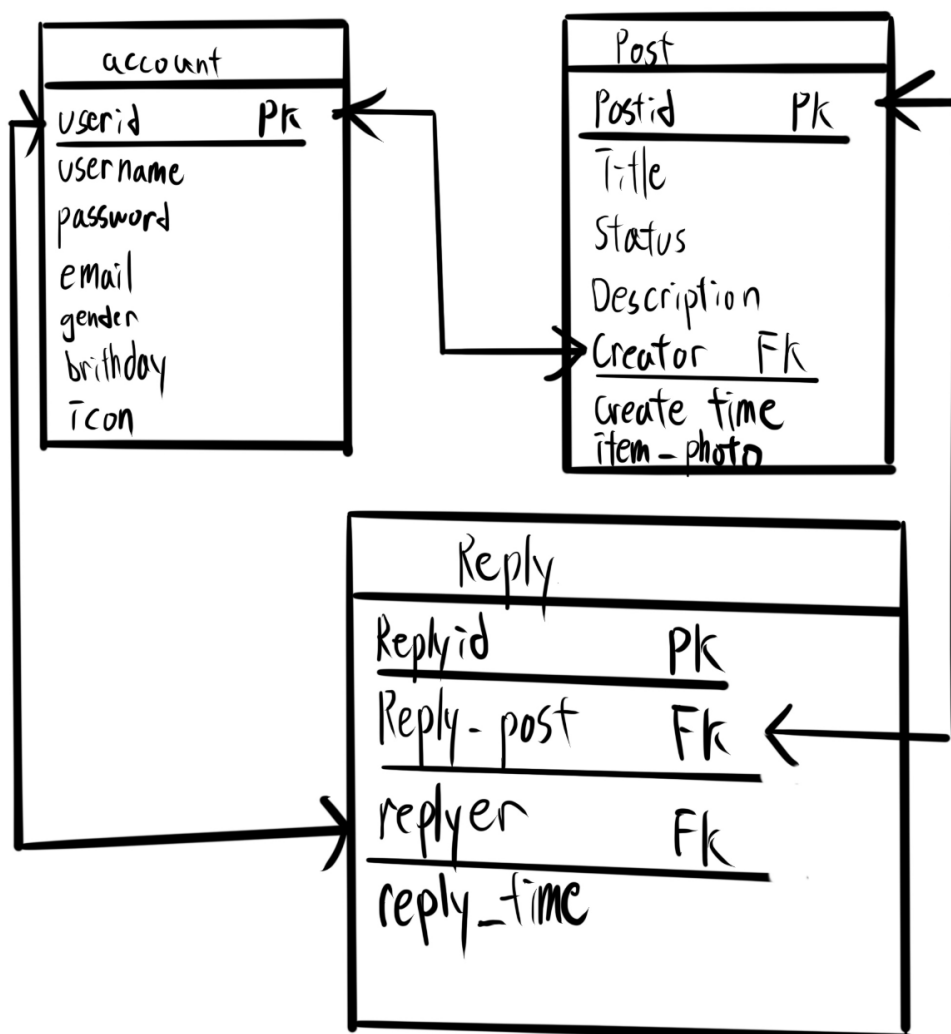
## Database Design

There are 2 table in this project database, account and post

Due to time time limitation, The completed form Database design could be applied in this project

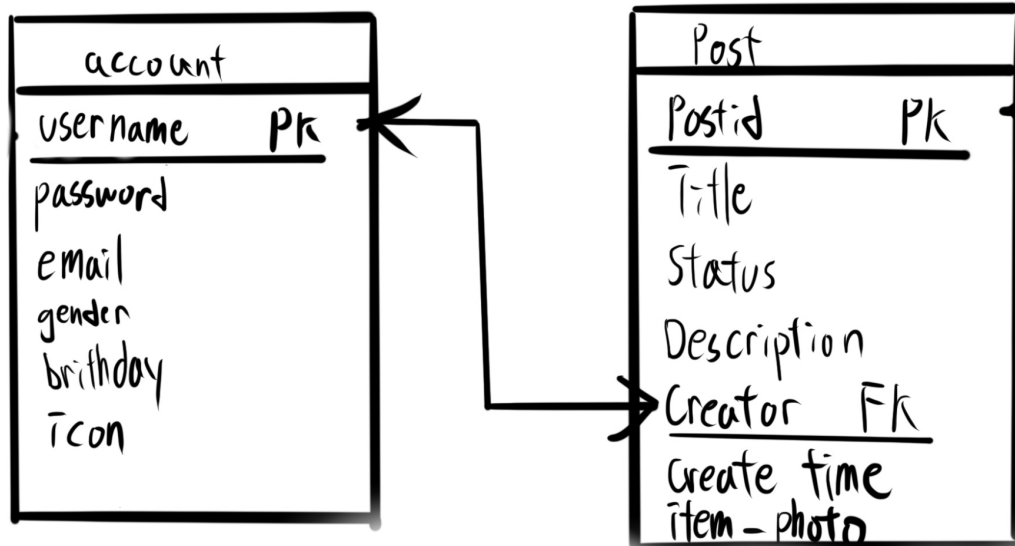
The design of the database:

### Database Design



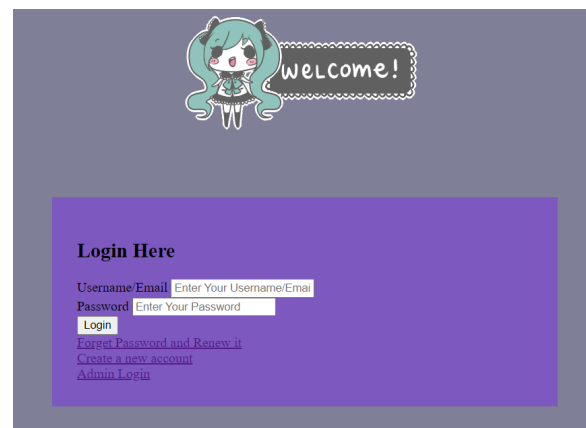
The application of database in the project:

# Database Design Applied



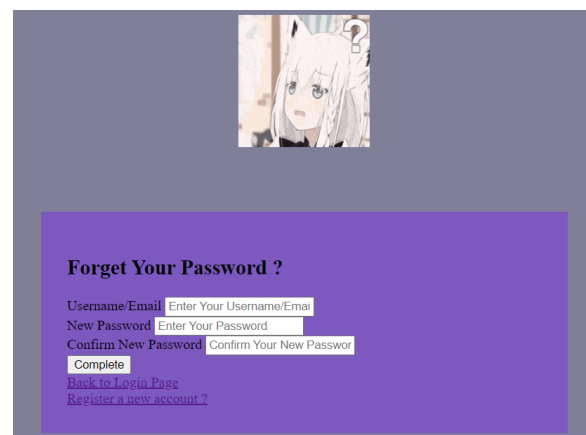
# User Experience:

user login UI



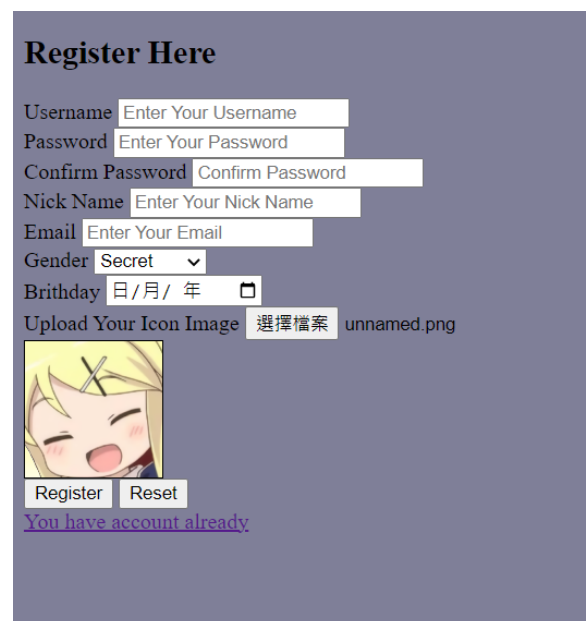
The login UI features a dark blue background. At the top, there is a small anime-style character with green hair and a speech bubble that says "welcome!". Below this, a purple rectangular box contains the "Login Here" section. It includes input fields for "Username/Email" and "Password", a "Login" button, and three links: "Forgot Password and Renew it", "Create a new account", and "Admin Login".

forget password UI



The forget password UI has a dark blue background. At the top, there is a small anime-style character with white hair and a question mark above its head. Below this, a purple rectangular box contains the "Forget Your Password ?" section. It includes input fields for "Username/Email", "New Password", and "Confirm New Password", a "Complete" button, and two links: "Back to Login Page" and "Register a new account ?".

Register UI



The register UI features a dark blue background. It contains the "Register Here" section with input fields for "Username", "Password", "Confirm Password", "Nick Name", and "Email". There is a "Gender" dropdown menu set to "Secret", a "Brithday" field with a date picker, and an "Upload Your Icon Image" button with a file selection dialog showing "unnamed.png". Below these fields is a preview of the selected icon, which is a small anime-style character with yellow hair. At the bottom of the form are "Register" and "Reset" buttons, and a link that says "You have account already".



User home page UI

Welcome ometal\_ayaya



[Create a Lost Item Post](#)

[Show Pending Post](#)

[Show Completed Post](#)

[Edit Your Personal Information](#)

[Oldest Lost item post](#)

[Lastest Lost item post](#)

[Logout](#)

create post UI

### Create Your Lost Post

Title

Description

Detail

Your Username(unchangable)

Upload Your Lost item Image

未選擇任何檔案

edit user informatio UI

### Edit Your Personal Information

Your Username(unchangable)

Password

Set New Password

Confirm New Password

Nick Name

Email(unchangable)





Gender

Brithday

Upload Your Icon Image  未選擇任何檔案

show all post UI





There are 11 Losing Posts:

postid	title	Status	description	username	Item photo	Post create time
1	my cat QAO	pending	as photo	kevin2		2022-12-05 14:53:21
2	11	pending	11	kevin2		2022-12-05 15:01:43
3	my green papa lost	pending	as photo	kevin3		2022-12-05 15:39:39
4	bruh	pending	This word (Acticle) may be misspelled. Below you can find the suggested words which we believe are the correct spellings for what you were	kevin4		2022-12-05

user show all pending post UI

Check Pending Posts



[Back to home page](#)

postid	title	Status	description	username	Item photo	Post create time
1	my cat QAO	pending	as photo	kevin2		2022-12-05 14:53:21
2	11	pending	11	kevin2		2022-12-05 15:01:43
3	my green papa lost	pending	as photo	kevin3		2022-12-05 15:39:39
4	bruh	pending	This word (Acticle) may be misspelled. Below you can find the suggested words which we believe are the correct spellings for what you were	kevin4		2022-12-05 15:39:39


user show all completed post UI

Check Completed Posts

[Back to home page](#)

postid	title	Status	description	username	Item photo	Post create time
16	wwwwwwwww	completed	wwwwwwwww	kevin2		2022-12-06 07:24:07
17	ayyyaya	completed	1233333	thomas1		2022-12-06 16:10:14

admin login page UI



Admin Login Here

Admin Username

Password

[Login](#) [Back](#)

admin home page UI

Welcome Admin

[Show All User Info](#)

[Show All Post](#)

[Show Pending Post](#)

[Show Completed Post](#)

[Logout](#)

admin check all user list UI

Admin Check Member Information

[Back to home page](#)

Delete User's Account

Enter Username to delete

Delete

There are 5 Users as follows:

Username	password	nickname	Email	Gender	Birthday	Icon
123	123	123	123@gmail.com	Female	2007-03-02	
12345	12345	12345	12345@gmail.com	Secret	2022-12-01	

admin check all post UI

Admin Check Post Information

[Back to home page](#)

Delete Post

Enter postid to delete

Delete

There are 11 Losing Posts:

postid	title	description	username	Item photo	Post create time
1	my cat QAO	no photo	Kevin2		2022-12-05 14:57:21
2	11	11	Kevin2		2022-12-05 15:01:43

admin check all pending post UI

Admin Check Pending Posts

[Back to home page](#)

There are Pending Losing Posts:

postid	title	Status	description	username	Item photo	Post create time
1	my cat QAO	pending	no photo	Kevin2		2022-12-05 14:57:21
2	11	pending	11	Kevin2		2022-12-05 15:01:43
3	my petto gaga but	pending	no photo	Kevin2		2022-12-05 15:38:39
4	haha	pending	This word (Article) may be anticipated. Below you can find the suggested words which we believe are the correct spellings for what you were searching for. If you click on the links, you can find more information about these words.	Kevin2		2022-12-05 15:46:24
6	123	pending	123	thomas1		2022-12-05 19:31:06

admin check all completed post UI

Admin Check Completed Posts

[Back to home page](#)

There are Completed Losing Posts:

postid	title	Status	description	username	Item photo	Post create time
16	aaaaaaaaa	completed	aaaaaaaaaaaaa	Kevin2		2022-12-06 07:24:07
17	ayayayaya	completed	1233333	thomas1		2022-12-06 16:10:14

alter window  
(example with delete post)

localhost 顯示

Delete Posid:7 Successful

確定

## **Conclusion**

In this project, i apply almost every knowledge that learnt from lecture. It is a good chance to let me understand the website designing between art designing and coding(html/php). It also inspires me to start thinking how other website processing code with the content present in front of users.

Secondly, it recalls my sql concept for applying the project's post and account table. It is also a chance to realize the application of database in website development.

Lastly, I have acquired practice with html and php, which is significant because this subject is challenging and requires more practical application before we can fully grasp it. Additionally, I strive to apply cookie and seesion to decrease the complexity of the system and lighten the effort for system development.

## **Future Development**

### **Reply system**

If time allows, i would like to build a new table for reply system as the database design mention. User can click the post to reply and the replying message would be save and linked with the respective post by the forgiven key.

### **UI design**

the UI is too simply and too concentrate in the user's home page. I would like to separate different function in different page. And also there could be menu to let user select the needed function but not show them all the thing in the home page.