



澳門大學
UNIVERSIDADE DE MACAU
UNIVERSITY OF MACAU

Faculty of Science and Technology

CISC3003 – Web Programming

Project Title: Campus Q&A

TEAM 04

PAIR 06

Huang Yanzhen DC126732
Li Ruoxuan DC027534

PAIR 04

Chen Zirui DC127901
Guo Pengze DC127461

PAIR 24

Chen Pengyu DC125135
Lei Chon Hin DC026736

1 Abstract

In the University of Macau and many other campuses, there has never been a unified school forum, which causes bothering problems. For instance, a new student may want to get familiar with the environment in the campus, but he or she doesn't know who to ask the question. Therefore, we hope to develop a student forum website, so that everyone can freely raise and discuss their questions in study and life and receive answers from enthusiastic students, even if they are strangers.

Campus Q&A is such a platform that allows students on campus to ask and answer questions. The target user of this website are campus students. A student can post a public question for all students to answer and answer a public question by replying to the corresponding public post. The basic of these extraordinary features is the user account management system, which is realized in this project. A user can sign up/delete an account, as well as login/logout an account. The user can also modify the account information. Critical modifications must be validated via email using tokens.

The platform is built using HTML+CSS+JS as the front-end framework, and PHP+MySQL+Apache as the back-end framework.

2 List of Services

Post a Question
Close / Re-Open a Question
Reply to a Question
Sign up / Delete an Account
Login / Log out an Account
Alter a user name and email

3 List of Tasks

Task	Work Distribution	
Project Coordination & Version Control	PAIR 06, PAIR 04, PAIR 24	
Front-end Design & Implementation	All Posts, Login/Signup	PAIR 06
	All Posts Page	PAIR 04
	Post Details & User Details	PAIR 24
Backend Design & Implementation	PAIR 06, PAIR 04, PAIR 24	
Digital Story Scripting	PAIR 06, PAIR 04, PAIR 24	
Project Summarization	PAIR 06, PAIR 04, PAIR 04	

4 Project Accomplishments

<https://github.com/YanzhenHuang/CISC3003-Final-Project>

1. ***aboutMeStyles.css***: Stylesheets for *about-me.php* explicits.
2. ***allPostsStyles.css***: Stylesheets for *all-posts.php* explicits.
3. ***loginSignupStyles.css***: Stylesheets for *login.php*, *signup.php* explicits.
4. ***postDetails.css***: Stylesheets for *post-details.php* explicits.
5. ***styles.css***: Universal stylesheets.
6. ***handleEmptyForm.js***: Prevent submitting empty form.

7. ***pwdVisibilityToggle.js***: Toggle password visibility.
8. ***button.php***: Render a nicely-styled button.
9. ***question_card.php***: Render a nicely-styled question card view.
10. ***validations.php***: Update user validation status.
11. ***check_duplicates.php***: Check duplicates attributes in database.
12. ***cookie-session-settings.php***: Quick actions for cookies and sessions.
13. ***formatter.inc.php***: Process and return a display string representing the time difference between the given date and time and the current date and time.
14. ***generate-token.php***: Generate user validation token.
15. ***send-email.php***: Send an email.
16. ***config-db.php***: Database configuration.
17. ***process-alter-user-details.php***: Change user details.
18. ***process-change-password.php***: Change password.
19. ***process-delete-account.php***: Delete account.
20. ***process-delete-post.php***: Delete post.
21. ***process-delete-reply.php***: Delete reply.
22. ***process-login.php***: User login.
23. ***process-post.php***: User post question.
24. ***process-reply.php***: User reply to a question.
25. ***process-signup.php***: User signup.
26. ***process-toggle-post.php***: Toggle post between close and open.
27. ***process-validate-account.php***: Validate account token.
28. ***about-me.php***: About-me page.
29. ***all-posts.php***: All-posts page.
30. ***change-password.php***: website for change-password.
31. ***login.php***: Login page.
32. ***post-details.php***: Post-details page.
33. ***signup.php***: Sign Up page.
34. ***validate-account.php***: Validate account page.
35. ***post.sql***: sql table for post.
36. ***qa_user.sql***: sql table for user.
37. ***reply.sql***: sql table for reply.

5 Project Incomplete

This project lacks email validations in deleting account.

This user token won't expire in this project, while in production they should have an expire date.

6 Team-Assessment

DC126732 Huang Yanzhen	Raw Score Assigned	Raw Score Earned
Project Proposal (at least 3 A4 pages but no more than 6 pages; -2 points for Proposal below three A4 pages or exceeding six A4 pages)	5	5
Project PPT (improved over the version on the day of presentation not more than 20 slides; -2 points for PPT below 10 slides, or exceeding 20 slides; ZERO for no PPT submitted)	5	5
Project Deliverables (5 points for working HTML/CSS/JS/jQuery/PHP/ coding + 5 points for screen images captured from successful test-run + 5 points for media queries to enable responsive design; ZERO for not working coding, ZERO for no screens captured for successful test-run, and ZERO for not supporting mobile first, responsive web design)	15	15
Project Archive (5 points for zip file of the Eclipse workspace, including all related Web project files, 5 points for readme file, and 5 points for screen shots) plus a project (public access) GitHub link for easy reference (10 points)	25	25
Project Report - Abstract (200 words; -3 points for below 100 words, or for exceeding 200 words)	5	5
Project Report - Project List of Services (ZERO for no list of project services given)	5	5
Project Report - Project List of Tasks (5 points for Group + 5 points for Individual; ZERO for no group/individual tasks provided)	10	10
Project Report - Project Accomplishments (-5 for no list of project accomplishments provided, including HTML/CSS/JS/jQuery/PHP/SQL files/media queries)	5	5
Project Report - Project Incomplete - What have not been done! (-5 for no concise conclusion of what has not been accomplished)	5	5
Project Presentation Video (no more than 15 minutes: -2 points if no team members information in the video; -3 points if not every member got involved in the presentation)	5	5
Project Self-Assessment Rubric (5 points) + Team Assessment based on the Rubric (5 points); -5 points if no such rubric provided in the report; -5 points if no self-assessment is done in the project archive (Word document)	10	10
Total Score <ul style="list-style-type: none"> -95 points for no individual submission from submission link, but only team member's submission -10 points if project is not completed as a full-stack Web application (covering both front-end Web design and backend Web application development) -10 points if project does not include a working signup/login module implemented as a full-stack Web application -10 points if project does not include screen shots to properly prove the working of the system services. 	95	95
Semester Score (10-point scale) Part 1 of 2 in Project Assignment	10	10
100 Scale	100	100
Classification on Quality of Work	Good	