Sprint #3 Report

Team Members:

- Jianchang Bi (Product owner)

- Shannon Ernst (Scrum Master)

- Sam Lichlyter (Developer)

- Kang Li (Developer)

- Deqing Qu (Developer)

- Teng Li (Developer)

- Chengxi Yang (Developer)

Project GitHub:

https://github.com/slichlyter12/CS561-Project

Sprint Overview:

Jianchang Bi was the product owner in this sprint. He organized and modified the backlog, completed user survey and interview of sprint reviews, and solved the issues discussed during the meeting.

Shannon Ernst was the scrum master and arranged daily scrum meetings. She also recorded the progress of each member's work. In addition, she also participated in the user's preparation and led sprint retrospective.

Chengxi Yang worked on the features to allow the students can modify the questions they posted.

Deqing Qu finished up the adding the feature of changing status and of question removing question by TAs. Moreover, he fixed the UI bugs in TA view about the unclickable button and the misunderstanding icon.

Sam Lichlyter fixed the login experience and enhanced the security of the system. Also, he reworded the languages in the project and optimized modal dismissed.

Kang Li worked on optimizing the error handler and controlling the number of error messages to toast. In addition, he also fixed a bug of logout.

Teng Li worked on adding the tagging question feature and the features in admin dashboard page. Also, he added database transaction to prevent data loss.

Daily Scrum:

Photos: https://github.com/slichlyter12/CS561-Project/tree/master/docs/sprint_3/photo

Record: https://github.com/slichlyter12/CS561-Project/blob/master/docs/sprint_3/Sprint3_record.xlsx

Stories Completed:

Student can modify questions they own: If the student is the author of a question they should be able to edit the content of that question. (Chengxi)

TAs need to change status of question/remove question (select all and delete): TAs need to be able to clear, pending or assigned questions either one at a time or select multiple and delete when they have answered the question. (Deqing)

Fix unclickable buttons on question detail page: In TA question detail page, do not use button to show members' name. (Deqing)

Icons need to update when adding yourself to a question: In TA question list page, the icon of assign button should be changed to prevent the misunderstanding by users. (Deqing)

Limit error messages to toast: Reduce the error message shown to the users. (Kang)

Logout needs to logout ONID: The session_id which is generated by ONID login system should be deleted when logout to make sure the user can change the account after logout. (Kang)

Error handler: When doing the actions, there should be a feedback that whether the operation is success or failed. (Kang)

Security - limit access only to authorized users: Users should only be able to access the pages they are assigned to. For example, students should only be able to access the student dashboard, TAs can access TA view + student dashboard, Admins can see everything. (Sam)

Click off modal dismisses: On all modals clicking outside of the modal should dismiss it. (Sam)

Reword language throughout application: Go through system and reword labels to make clearer for users. Use language similar to Canvas. (Sam)

Fix login experience between index versus welcome page: Make the welcome page to be the first page of the website. (Sam)

Admin dashboard show course data: The admins can view all existed course data in the system. (Teng)

Admin dashboard allow edit course info: The admins can edit the course information they created. (Teng)

If function fails, don't lose data: When student adding classes, use database transaction to prevent data loss. (Teng)

Tagging the question: When posting a question, users can tag it with the keyword. (Teng)

Sprint Reviews and Client Use:

http://web.engr.oregonstate.edu/~bij/CS561-Project/docs/sprint_3/Review/

Test users:

Alex Hoffer	Video		
Deyu Yan	Video	Survey	
Kai Tu	Video	Survey	
Kai Liu	Video	Survey	
Louis Duvoisin	Video	Survey	Log
Wenbo Hou	Video		
Yuanhao Wang	Video	Survey	
Dianxiong Zhang	Log		
Larson Dounor	Log		
Andrew Anderson	Log	Photo	

Sprint Retrospective:

What Went Well	What didn't go well	What we could do to improve
Finished all of our user stories	Had issues getting more users to test the system	Could start collect users earlier
Managed version control better (merging branches, etc)	Still has some UI bugs.	Need to update API docs and interface for maintainability
Better unit testing		Use UI testing (selenium, Sam may have solution)

Sprint Backlog (yellow indicates completion):

https://github.com/slichlyter12/CS561-Project/blob/master/docs/sprint_3/CS%20561%20Project%20Schedule.xlsx

Testing:

Unit tests:

Testing code:

- JavaScript tests: https://github.com/slichlyter12/CS561-Project/tree/master/tests/js_test

- PHP tests: https://github.com/slichlyter12/CS561-Project/tree/master/tests/test_code

Test report:

- https://github.com/slichlyter12/CS561-Project/tree/master/tests/test_report/unit_test

- Web version report: http://web.engr.oregonstate.edu/~bij/CS561-Project/tests/test_report/unit_test/report/

Integration tests (API Tests):

Testing code: https://github.com/slichlyter12/CS561-Project/tree/master/tests/api_test

Test report: https://github.com/slichlyter12/CS561-Project/tree/master/tests/test_report/api_test