Sprint 1 Report

Team Members

Shannon Ernst (Product Owner)

Deqing Qu (Scrum Master)

Samuel Lichlyter (Developer)

Jianchang Bi (Developer)

Teng Li (Developer)

Kang Li (Developer)

Chengxi Yang (Developer)

Link to project GitHub: https://github.com/slichlyter12/CS561-Project

The stories completed section indicates what everyone worked on this sprint. In addition, Deqing Qu was the scrum master so he facilitated the daily scrum meetings as well as helped resolve dependency issues between developers and filled development gaps when needed. Shannon Ernst was the product owner and guided the creation of the sprint backlog, refined requirements, conducted the sprint review with a client, created the style guidelines and did the final report write up. Teng Li and Kang Li focused on the design and creation of our database system. Samuel Lichlyter got the central authentication login service up and created the first login experience. Jianchang Bi worked on the student view and some of the TA view, ensuring students can submit and view questions. He also made a great UI. Chengxi Yang developed the question prioritization algorithm that we will be implementing in the next sprint.

Daily Scrum

Scrum Photos (started taking them late so the beginning stand ups don't have photos): https://github.com/slichlyter12/CS561-Project/tree/master/docs/sprint_1/photos

Scrum Record: https://docs.google.com/a/oregonstate.edu/spreadsheets/d/1ijOYvQUKvarOiNj_zFgya_S9-7fZJHXFuv_-0qL-SE0/edit?usp=sharing

Stories Completed

TA Login: The TA should have a way to log into the web app. This should utilize OSU Central Auth to confirm they are part of OSU. (Samuel Lichlyter)

Student Login: The student should have a way to log into the web app. This should utilize OSU Central Auth to confirm they are part of OSU. (Samuel Lichlyter)

First time login: On first login the user decides if they are a TA or student. This is saved in a database for later use and determines which welcome screen they use. (Samuel Lichlyter)

Students need to add questions to the list: When a student is logged in, they should be able to fill out a form that will add a question to the list of questions. The form should include name of student, question text, when the student will be in office hours (either now or at a later time), and a list of related terms for the question. (Jianchang Bi)

Student can input question ahead of when they will be in office hours: The student should be able to have access to the webapp before coming into office hours to see what questions are currently being asked, what questions are lined up to be asked, and to submit a question that they wish to ask when they come into office hours. (Jianchang Bi)

Set up (DB, webpages, etc.): Need to set up all databases and skeleton webpages. Including a design documents (docs by mid week 2) (Teng Li, Kang Li)

Tech review: Determine what frameworks will be used, if there are APIs currently available, etc. (Shannon Ernst)

Software should be able to group students based on question and order priority based on number of students/time passed: Two stories: first sprint is the algorithm design, second is implementing and testing (Chengxi Yang)

Sprint Review and Client Use

Present at Sprint Review: Shannon Ernst (Product Owner), Duncan Millard (User/Client)

Notes taken during the Sprint Review: http://web.engr.oregonstate.edu/~ernstsh/CS561-Project/docs/sprint_1/sprint_review_1.pdf

Video and Screen Capture of Sprint Review (volume is low, need to turn up): http://web.engr.oregonstate.edu/~ernstsh/CS561-Project/docs/sprint_1/sprint_review_1_Millard.mp4

Sprint Retrospective

What Went Well	What Went Poorly	How to Fix	Goals for Next Sprint
Met for Scrum everyday on time	Some confusion on what technology was used (PHP 5 v PHP 7)	Discuss technology in detail before development, agree on the language, component, server, etc.	Want a homepage
Login was completed and works great	Unit testing wasn't consistent through out	Might be due to just starting the project, will unit test before every merge in the future	improvement in security -> change from session to token
We completed what we planned on completing	Had a hard time defining what exactly needed to be done in the beginning	More communication between people working on components which rely on each other	Activiley sorting and prioritizing questions
Went above and beyond what we planned (UI)	Maybe not enough work taken on?	Break stories into more tasks to allow more people to help when they complete their stories, will help with testing too	Improve TA view -> make it so they can moderate the list, choose class, etc.

Open communication and teamwork	We don't seperate frontend and backend in development	Break the stories down more so we can specialize in our development, should also separate based on on UI, DB, etc.	Improve student view -> add to question, choose class, etc.
			Improve UI
			Expanded view of questions

Groomed Backlog (yellow indicates completion):
https://docs.google.com/a/oregonstate.edu/spreadsheets/d/11aYoXOcj0m9VNJueFHJUlagau9j0Bd6CzYutle8b5YM/edit?usp=sharing

Testing

Both API and Unit Test results: https://github.com/slichlyter12/CS561-Project/tree/master/docs/sprint_1/test_report