CS 561

Sprint 2 Report

* **List of Team Members and Their Role**

|  |  |  |
| --- | --- | --- |
| Role | Name | Student ID Number |
| Product Owner | Kai Hung Huang | 933665850 |
| ScrumMaster | PinCheng Chen | 933933749 |
| Developer | Si Thu Lin | 933957884 |
| Developer | Suleman Alkhozam | 933304998 |
| Developer | Yuxin Lu | 933310527 |
| Developer | Yi Hsiang Hung | 933665999 |

* **Sprint 2 Completed User Stories List (e.g, a link of the backlog board)**

The user stories we released in sprint 2 are as shown in the below table (incomplete or buggy work doesn’t count):

|  |  |
| --- | --- |
| User Story | Status |
| Profile Page (Frontend) | Done |
| Profile Page (Backend) | Done |
| Posts home page (Frontend) | Done |
| Posts home page (Backend) | Done |

1. Profile page can show user’s personal information after he login-in.
2. The posts home page will show the posts from other users, and the user can publish his own post as well.

The prototype of posts page:

<https://drive.google.com/file/d/1lYZjhtK7hc2pcgW4W8YN3gbCiOI0YKdp/view?usp=sharing>

We started the sprint 2 with some role changes in the team with regards to the product owner and scrum master as well as the developer members. We define the goals of the user stories and breakdown the tasks/features into subtasks. Every team member agreed in the task assigned to him as per the agile board <https://docs.google.com/spreadsheets/d/1aj72HXw0PEfRcFhHzUDL1QSrwnyWnNUT-p-a2byhK3o/edit?usp=sharing>

* **Evidence of The Daily Scrum (e.g, a link of scrum photo and a link of the meeting record)**

The team meet everyday 15-20 minutes and discuss the ultimate goal of sprint 2 and share the status of our work. Here’s the evidence photos link to our daily scrum meetings

photos:

<https://drive.google.com/drive/folders/1BaL_QVZNRrqIJz0fkCQpeE6Mb7CHuafL?usp=sharing>

record:

<https://docs.google.com/document/d/1qgO0VtfTcPn-dBnXXFEHuEqKRQn4ziRDDpuxbQXadQ0/edit?usp=sharing>

* **Evidence of The Regular Integration and unit Testing**

After finishing each function, we will write a unit test for each function, and we also will

do integration test once per week. You can see the testing part of our pictures and link below.

The part for unit testing:

<https://drive.google.com/drive/folders/1jTnth01Yed5gSlN_iEe3TGRL_AAj9NrU?usp=sharing>

The part for unit testing code:

<https://bitbucket.org/cs561osu/knowledge_sharing/src/master/cs561ks/UnitTest/Controllertest.cs>

The part for integration testing:

<https://drive.google.com/drive/folders/1MVW8MDY5UWTKcsSCBnD_Uyq37EQ5MAiE?usp=sharing>

* Profile page successfully read and write from database.
* Post page successfully read and write to the database.

The part for commit record:

<https://bitbucket.org/cs561osu/knowledge_sharing/commits/>

* **Evidence of Holding The Sprint Review With Users**

Photo:

<https://drive.google.com/file/d/1MOVe3VBnqCZqIVBDkA32l6zi5e7PTRBj/view?usp=sharing>

Attended (from left to right):

PinCheng Chen，Perry(User), Kai Hung Huang, Suleman Alkhozam, (Not shown on photo below)Yi Hsiang Hung, Yuxin Lu

* **Evidence of People Using Our System**

Photo:

<https://drive.google.com/drive/folders/1sw65dS0pOsQUeVJCkcBqnNBr0cCSIPEc?usp=sharing>

Attended:

Ruicheng Wang, Jiangyue Wang, Zuyu Cai, Xuejing Cao

After the user interact with our system and tested it, we came up with his feedback in positive and negative:

Positive feedback:

1. The profile page will show the entire information of the user.
2. The posts page has the entire post and share system.
3. The website will record user’s log-in status.

Negative feedback:

1. Profile page and Posts page have different style and color.
2. Posts page is kind of simple, just have basic functions.
3. The posts shown on the posts page are not following the timeline.

* **Evidence of Our Team Holding The Sprint Retrospective**

Photo:

<https://drive.google.com/file/d/19buhN3SPWb60KGAS564QlwZ8B72HPbaV/view?usp=sharing>

Strategy improvement in the future:

After some role changes in sprint 2 we lack of maintainability in our code. We would enhance the quality attribute of our system by commenting the code.

System improvement in the future:

1. We should revise the posts page or profile page to reach a same style.
2. We should revise the controller functions to ensure that the posts showing on posts page will follow the timeline.
3. We should make our pages prettier.

* **Contribution of Each Member to Our System**

|  |  |  |
| --- | --- | --- |
| Role | Name | Contribution |
| Product Owner | Kai Hung Huang | 1. Complete the product backlog, and assigning the tasks to each member 2. Help each member whenever they have problems. 3. Making sure each member is on the same page 4. Finding users to test our system, and collecting their reviews. |
| ScrumMaster | PinCheng Chen | 1. Ensure that every team member follows the scrum rules. 2. Make sure developers do the unit testing   and integration testing regularly.   1. Take the photo as evidence for daily scrum. 2. Help developers to understand the code which was written in the last sprint. So that they can keep making progress on the project. |
| Developer | Suleman Alkhozam | 1. Design the database table and collections for Post backend system on MongoDB 2. Develop the PostController and Model backend system 3. integrate the Post frontend with the Post backend system. 4. Enhance the Maintainability quality attribute by commenting the code. 5. Collaborate in writing the report. |
| Developer | Si Thu Lin | 1. wrote the code for the front-end of the Profile Page 2. wrote the code for the back-end of the Profile Page 3. Created the navigation bar for the Profile Page 4. Decorated the Login Page using css |
| Developer | Yuxin Lu | 1. Create the prototype of posts page, and determine what the variables will produce from posts page. 2. Finished keeping log-in status, then user can keep their status on every page. 3. Finished log-out functions, then user can log-out when they click log-out button or after log-ing 20 minutes. 4. Finished posts page front-end, then user can send posts to back-end. 5. Finished connections between posts front-end and back-end, then the user posts will be posted on posts page. 6. Wrote and revised report. |
| Developer | Yi Hsiang Hung | 1. Consider each variable we need of sprint 2 2. Refactor the code in sprint 2 3. Finish the unit test of each week of sprint 2 4. Finish the integration test of sprint 2 5. Help doing some of the functions in each system |