CS 561

Sprint 3 Report

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

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

* **Sprint 3 Completed User Stories List (e.g, a link of the backlog board)**

The user stories we released in sprint 3 are as shown in the below table (incomplete or buggy work doesn’t count):

|  |  |
| --- | --- |
| User Story | Status |
| Comment and Like (Frontend) | Done |
| Comment and Like (Backend) | Done |

1. The post of users now can be commented and liked by other users.
2. The prototype of comment and like:

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

We started the sprint 3 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 3 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 write a unit test for each function, and we also do integration testing for the functions. You can see the testing part of our pictures and link below.

The part for unit testing:

<https://drive.google.com/open?id=1QIQqtBXG8qLKoxQdeNEccmqdEZQaSw0d>

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/1PoFMY0V0LOkxOguUfqyBex05IHwfRCj1?usp=sharing>

* Comments function within the Post page successfully read and write from database.
* Likes function within the 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: (not updated)

<https://drive.google.com/file/d/1sapDBs1V0gvuhTdboZ7aA4NGJOpNoqgs/view?usp=sharing>

Attended (from left to right):

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

* **Evidence of People Using Our System**

Photo:

<https://drive.google.com/drive/folders/1YBZ2CaDrEsPAGBy2ra3cipcTInIDJ3EK?usp=sharing>

Attended:

Huiyuan Bai, Zhaobang Chen, Wadi Su, Zhuoling Chen, Chendi Zhang, Xuejing Cao, Garen, Jialu Geng, Meiyu, Zhaoting Wen, Xin Zhao

After the users interacted with our system and tested it, we came up with their feedback in positive and negative:

Positive feedback:

Huiyuan Bai : I can understand each of the function easily.

Wadi Su : The checking in registering account page is great!

Xuejing Cao : I like it. It looks like Twitter Website.

Garen: All functions work, it’s fun.

Zhaoting Wen: Register, posts, comment functions are great and simply.

Negative feedback:

Zhaobang Chen : The function of this website may be to easy.

Zhuoling Chen : If I forgot my password, I have no way to find it back.

Xin Zhao : Need more decoration.

Meiyu : Need more functions.

Jialu Geng : I have to spend a lot of time to find the post I want.

Chendi Zhang: These pages seem too simple and needs to make it prettier.

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

Photo:

<https://drive.google.com/file/d/1mCiPvFZaneUje-OsvF8zvXuikIkZndXr/view?usp=sharing>

Problems:

1. As our “like” function, we need to count the number of post’s like, collect the data then show on the posts page. This is hard to remember how many likes of each posts, or how much time users click the “like” button.
2. As our “comment” function, the most difficult problem is to remember that which comments are followed by an exact post.
3. We are all new to NoSQL database. It takes time to figure it out how to implement things that we thought it will be very easy if we are using SQL database.

System improvement in the future:

1. We should make our pages prettier.
2. We should do a function that shows who is replied in the comment.
3. We should make “like” function more visible, for example, shows the name who like this post.

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

|  |  |  |
| --- | --- | --- |
| Role | Name | Contribution |
| Product Owner | Yi Hsiang Hung | 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 | Yuxin Lu | 1. Create the prototype of comment and like, and determine what the variables will produce from posts page. 2. Wrote and revised report. 3. Ensure that every team member follows the scrum rules. 4. 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. Writing unit testing for each function of sprint 3 user stories and conducted full unit test of the system. 2. Finished integration testing of the Comments and Likes functions and conduct full integration test for our system. 3. More enhancement in the maintainability quality attribute by commenting the code and testability quality attribute. 4. Conducted a code review for the system. 5. Writing the report. |
| Developer | Si Thu Lin | 1. wrote the code for the front-end of the like and comment button using CSS, HTML and JAVASCRIPT 2. wrote the code for the front-end for submitting comments 3. wrote the code for the decoration of the post page using CSS and HTML |
| Developer | PinCheng Chen | 1. Decide what variable we need in sprint 3. 2. Finished the comment function for the back- end. 3. Wrote helper function to connect front-end and back-end system. 4. Code refactoring. 5. Wrote and revised report. |
| Developer | Kai Hung Huang | 1. Redesign the variables in posts for backend 2. Create comments collection for backend 3. The backend for like button 4. Integration for comment function and like function 5. Help Suleman for testing part 6. Writing the report |