SENG 300

Iteration 2

Lecture 1 Tutorial 5

<u>Group 16</u>

TA: Pavan Karkekoppa

Submission Date: Mar 23, 2020

Isabella Guimet Pedraz - isabella.guimetpedra@ucalgary.ca

Harry Chen - harry.chen1@ucalgary.ca

Amman Yusuf - amman.yusuf@ucalgary.ca

David Macababayao - david.macababayao@ucalgary.ca

Kevin Sunkwa-Mills - kevin.sunkwamills@ucalgary.ca

Updated Product Backlog

1. As an author, once I upload the publication, I should select my 3 most preferred reviewer(s) or none from a dropdown list to review my paper, so I can have these reviewers review my submission.
2. As an author, I should receive a notification when my work has been reviewed, so I can go find my reviewed file.
3. As an author, I should be able to view the comments of my reviewed work, so I can address them.
4. As a reviewer, I should be able to choose the paper I want to review, so I can review papers that interest me.
   - This is subject to editor approval.
5. As a reviewer, I should be able to download the journal in pdf format, so I could easily view the uploaded publication.
6. As a reviewer, I should be able to choose if a journal should have a major revision or a minor revision. This is so the author can appropriately gauge how much to improve upon in a submitted journal.
7. As a reviewer, I should check if the major revisions of a paper have been addressed, so I can make an informed decision later on in the process.
8. As a reviewer, I should accept or reject a submission once the author has addressed the 2nd round of revisions.
   - For example:
     - Major/minor revision → author addresses → major/minor revision → author addresses → accept or reject author submission
9. As a reviewer, I should be able to make revisions/reviews on a paper so that I can make it clear what the author should address.
10. As an author, I should be able to resubmit (if a major/minor revision submission is given on the journal that is being resubmitted). This is so I can address the problems in my journal and have a second chance in submitting.
11. As an author, I should be notified when my submission has been accepted or rejected.
12. As an editor, I should be able to add journals.
13. As an editor, I should be able to create submission deadlines for journals. I should be able to create two submission deadlines every year, preferably 6 months apart.
14. As an editor, I should be able to approve reviewers who have selected a paper they themselves wish to review.
15. As an editor, I can check the paper that is submitted and check the nominated reviewers of that paper. That way it is convenient for me to see if I need to appoint more reviewers to a submitted paper.

16. As an editor, I can appoint/assign the reviewers to review a paper (especially when the author has not picked all three reviewers). This assures me that a submitted paper has the required amount of reviewers.
17. As an editor, I can assign multiple papers to one reviewer, so I can continue using the reviewer best for the job.
18. As an administrator, I can assign the type of account for a user.

Non-Functional Requirements
- Author should not be notified of who is reviewing the paper.
- The system should be built for multiple submissions of multiple journals.
- Different types (categories) of journals can be submitted.
- If a reviewer is nominated and is not currently in the system, the author must provide the reviewer's email so they can be contacted and added to the system later on.
- The User Interface should be easy to use.
- The general timeline for a Major Revision:
  - 2 months for a reviewer to review.
  - 1 month for an author to edit and address the concerns.
  - 2 months for a reviewer to review the edited journal.
  - 2 weeks for the author to revise the journal.
- The difference between a Major Revision and Minor Revision:
  - A major revision contains over 15 revisions needed to address.
  - A minor revision contains 15 or below revisions needed to address.

Completed Product Backlog

1. As an author, I should upload a publication in docx or pdf format, so I can submit my journals to the system.
2. As an author, I should be able to search reviewers by name, email, and affiliation, so I can easily find the reviewers I want.
3. As an author, I should be able to submit my journal as many times as possible, before the specified deadline. This is so I can make some edits or corrections before the final submission.
4. As an administrator, I can create new accounts for users.
5. As an administrator, I can delete existing user accounts.
6. As an administrator, I can edit a user's information.
7. As a user of the system, I should be able to login.

Sprint Planning Meeting

The meetings were conducted through Discord on March 16th. The meeting lasted for 1 hour. Everyone on our team managed to attend the meetings. The following is a summary of the decisions made during the Sprint Planning Meeting:

- As a team, we decided to split ourselves up into frontend and backend development. The frontend development team worked on setting up the .html files and the general 'look' of the website. The backend development team worked on setting up the MySQL server as well as the connection between the website and the server.
- We also decided to set it as a priority to set up the MySQL server, since a lot of the functionalities in the product backlog need to have that running.
- Once the MySQL server is running, then we would start implementing the Author functionalities.

Sprint Backlog

Tasks/User stories to implement in Sprint #2 in decreasing priority:

- Implementing the authorities of each role. And connecting the login authentication to the database.
  - This task will be implemented by David.
- As an author, I should be able to submit my journal as many times as possible, before the specified deadline. This is so I can make some edits or corrections before the final submission.
  - This will be implemented by David.
- As an author, I should receive a notification when my work has been reviewed, so I can go find my reviewed file.
  - This user story will be implemented by Isabella
- As a reviewer, I should be able to choose the paper I want to review, so I can review papers that interest me. This is subject to editor approval.
  - This user story will be implemented by Isabella and Kevin.
- As an administrator, I can create new accounts for users.
  - This user story will be implemented by Amman and David
- As an administrator, I can delete existing user accounts.
  - This user story will be implemented by Amman
- As an administrator, I can edit a user's information.
  - This user story will be implemented by Amman
- As a user of the system, I should be able to login.
  - This user story will be implemented by Harry and David

Daily Scrum Meeting

For the scrum meetings, we conducted them during our common SENG 300 tutorial. Since classes were pushed to being remote, we conducted our meetings through discord. The meetings were on March 17th and on March 19th. Everyone managed to attend these scrum meetings and each one lasted around 15-20 minutes.

1. Main points from the first Scrum Meeting
   - We all agreed that getting used to the spring framework was a difficult process. However, we decided that it was best to split ourselves into the front-end and back-end, so that our tasks were more focused into a specific topic of our project. The functionalities and the sprint backlog would be then implemented in the respective frontend/backend team.
2. Main points from the second Scrum Meeting
   - We all agreed that we liked being split into our own tasks.
   - The front end team worked on making the visual aspects of the website while the back end team worked on connecting a local SQL database to our Spring framework
   - As a team, we agreed that some of the common obstacles we were facing were:
     i. Working in the Spring framework could get quite complex while trying to reroute to the correct pages based on if the user is an author, reviewer, or editor
     ii. Getting the right information from our local database can be tricky and not so straightforward.

Sprint Review Meeting

This meeting was conducted on Friday March 20th, 2020 through our Discord team call. Everyone was able to attend the meeting and it lasted for about 1 hour and a half. For our sprint review meeting, we demonstrated what we currently have functioning. Our product is currently able to show different stylized web pages to users when they log into the system. This is based on the user's role as Author, Reviewer, or Editor.   Furthermore, the Admin of the system is able to add, delete, update, and search for users. The application is also able to communicate with a MySQL local server in order to keep track of the users in the system. We have also implemented most of the author's functions and plan to implement the reviewer functions next. The updated product backlog following this spring meeting can be observed in the "Updated Product Backlog" section and the completed product backlogs can be seen below that.

Retrospective Review Meeting

We conducted our retrospective meeting on Friday March 20th 2020 through Discord. The meeting lasted a total of 30 minutes. Each team member managed to attend this meeting and the team member that took the role of the customer was Isabella. The following main points were discussed in the retrospective team meeting:

1. In this sprint, we did a good job implementing the MySQL database as well as designing the static .html pages. We set up the required classes needed to implement the functionalities, as well as connecting the different classes to the database. For the next iteration, we will continue working with MySQL and look up the required documentation to seamlessly implement the MySQL server with the Spring Framework.

2. Another point that was discussed in our retrospective meeting was the good job that our team has done communicating. Having calls through Discord allowed us to communicate and work on the project at the same time. Updates through the Discord chat allowed us to have a general sense of how the project was moving along. For the next iteration, we will continue to keep this up as we complete more and more of our product backlog.