

SENG 300 Iteration 1

Journal Submission System

GROUP 4

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Tutorial 10

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Product Backlog

As User Stories:

8 User Stories that have exclusive answers to

Who (actor)

What (goal)

Why (reason)

“As a [user], I want [goal], because [reason].”

General User (All Users):

1. As a user I should be able to post comments in the comment section of any paper to allow adequate discussion.
2. As a user I want to be able to login to my profile to view detailed data about my status.
3. As a user I should be able to specify my academic affiliation as well as other pertinent account information through an account menu when creating an account. (I should also be able to edit this information at any time if I desire to).

Author:

1. As a researcher, I want to submit authored paper to journals hosted on the website so the paper can be evaluated by a selected reviewer and hopefully published.
2. As an author, I should be able to submit a paper up to three times in order to incorporate feedback given from reviewers on each resubmission.
3. As an author, I would like to choose up to 3 preferred reviewers in order to have my paper seen by experts that I know in the field.
4. As an author I should be notified of **minor** or **major revision flags** as well as **acceptance** of my paper by a reviewer. I would like to be notified via email and through a notifications tab on my account.

Reviewer:

1. As a reviewer on the website, I want to be able to protect the journal's integrity by identifying invalid research through detailed evaluation, so that the quality of a journal is preserved.
2. As a reviewer I can notify an Author if their paper requires **minor** or **major** revisions. The hope is they will be able to improve their content for another submission.
3. As a reviewer I can **accept** or **reject** a paper **after a third and final submission** and provide justification / notify the author of any issues that led to rejection or hindered acceptance.

Editor:

1. As an editor of a Journal on the website, I want to be able to select independent reviewers based on the preferences of the author as well as the reviewers experience in the required discipline so that submitted journals are fairly evaluated with transparency.

2. As an editor I would plan to assign reviewers so that there are no conflict of interests that may hinder the integrity of the journal.

Sprint Planning Meeting

(Monday March, 2)

(MS Computer Lab)

(Members Present: Mitch, Farhan, Gagan, Rylan)

(Time: 25 mins)

This week, what should be in our sprint backlog?

Iteration 1 Sprint Backlog:

Mitch:

Create class diagrams for the following:

- As an **Author**:

We must define an author and its attributes (identify class variables and as many potential class methods as possible).

- As a **Reviewer**:

Define the reviewer and its attributes.

- As an **Editor**:

Define the editor and its attributes.

- The **Journal**:

We must define the attributes of the journal (how many journals present, what fields of study, the attributes held by the journal itself, and the relationship of the user types to the journal).

Implementing the journal would require:

Farhan and Rylan:

- Get admin access working
- Implement a nav bar and working pages for navigation

Gagan:

- Install Pycharm, learn css

Daily Scrum Meeting

(Tuesday March, 3) after lecture

(MS Computer Lab)

(Members Present: All)

(Time: 15 mins)

Farhan:

What did you do yesterday?

- Added couple of User Stories
- Made resources on Django Available

What are you doing today?

- Setup Pycharm and Django
- User roles/privileges for Login System

What is blocking you?

- Learning Django, and difficulty in allotting time to project (just for this week I assume)

Gagan:

What did you do yesterday?

- Looked into HTML and installed Django environment
- Planned out UI components

What are you doing today?

- Attempting to code in HTML

What is blocking you?

- Gaps in my knowledge when it comes to HTML has prevented me from making progress

Rylan:

What did you do yesterday?

- Implemented a nav bar, journal page, registration page as skeleton with django

What are you doing today?

- Finishing the user app, incorporate database

What is blocking you?

- Admin access is not working properly

Alex:

What did you do yesterday?

- Familiarized myself with Django

What are you doing today?

- User roles and privileges

What is blocking you?

- Learning new programming language

Mitch:

What did you do yesterday?

- Formed part of the sprint 1 backlog / product backlog and began designing the UML class diagram.

What are you doing today?

- Further developing and fleshing out the UML class diagram (hopefully finishing it) and looking into Django / python pointer details.

What is blocking you?

- It seems that python deals with object references / addresses in a way completely different from C / C++ / Java. This is causing a delay in the UML as it was initially assumed that posts to the journal could be specified via a list of pointers belonging to each author; python has pointer simulating capabilities however so this may be used (after I learn it).

Sprint review and Retrospective Meeting:

(Thursday March, 5) after lecture

(MS Computer Lab)

(Members Present: All)

(Time: 35 mins)

How did this sprint turn out?

Overall very productive! We've established a means of communication, set up environments, become more familiar with django and HTML, split roles, and made some good progress outlining our project by forming a product backlog and implementing those user stories into our UML. Along with this, we've constructed a skeleton of classes and setup User Model Form and displayed it via HTML table.

Plan for next iteration:

- Get user models complete, implementing the classes outlined in the UML with forms for signing up.
- Improve the html layout - create a profile page displaying the model database entries
- Implement notifications and upload documents - need to learn the database incorporation with Django

Code:

A Django app was created, we have uploaded our git root repository to D2L. This contains the user app where we specified the model form that matches our UML draft.