

Team 10 - MIPPSY

sprint 2

**Aaron Kar Ee Ho, Kaijun He, Mark Yang,
Kean Jye Tan, Kaiyi Chen**

Sprint Overview

Overview:

Our team is currently in preparations for the beginning of our second sprint. In this sprint, we plan to implement many of the backend functionalities as listed below under our goals. We are confident in our frontend and for that reason, we will prioritize mainly the backend this sprint.

The main goals for this sprint are:

1. Set up and implement the search feature for posts on our web page.
2. Set up and implement the commenting feature for users and non-users to comment on posts, along with an upvote/downvote system.
3. Make it possible for users to edit their posts.
4. Implement the private messaging system among our users.
5. Implement what we were not able to finish in sprint 1.

SCRUM Master:

Kaiyi Chen will coordinate our scrum meetings and sprints.

SCRUM Meeting Time:

We will be having mandatory SCRUM meetings on Tuesdays and Thursdays at 3pm - 4.30pm

Risks/Challenges:

- One of the additional challenges we will be facing in Sprint 2 is to remedy all the incomplete tasks of Sprint 1. This will mean revisiting the Sprint 1 Retrospective document and tackling every task under the What Did Not Go Well section.
- Another challenge is implementing the real time chat system that we wish our product to have. None of us are familiar with this task and this will be prove to be one of our most biggest challenge of Sprint 2.
- The implementation of emphasizing/hiding upvoted/downvoted comments is also challenging as none of us have any experience with this.

Current Sprint Detail

User Story: As a user, I want to be able to view all posts and search reports.

Task Description	Estimated Time	Owner
Create the user interface for the posts list page	10 hours	Mark
Implement the action for when the user selects different search methods such as name, location, time and description.	2 hour	Aaron
Implement the action for when the user inputs name, location or description in the search box.	1 hour	Aaron
Implement the action for when the user clicks search after choosing search method and input.	1 hour	Aaron
Validate action when user clicks search and make sure user clicks search before select method and input information	8 hour	Kaijun
Implement search functions	15 hour	Kean Jye Tan

Acceptance Criteria: If the user story is implemented successfully, a user should be able to type in our public IP address and view all posts and search reports on any machine.

User Story: As a user, I would like to be able to view and comment on posts, with or without logging in.

Task Description	Estimated Time	Owner
Implement the action that brings the user to the commenting view when user clicks the post comment button.	1 hour	Aaron
Implement the action that posts the user's comment when user clicks the submit button after inputting the comment.	5 hours	Kaijun
Implement the action for when the user clicks the upvote and downvote button on a comment.	8 hours	Kean Jye Tan
Add the user interface to post page which displays all user's comment(s) belonging to the post.	4 hours	Kean Jye Tan
Implement a means to validate the user's comment.	4 hours	Kean Jye Tan

Acceptance Criteria: If the user story is implemented, the user will be able to interact with a post, whether logged in or not, by commenting on it and upvoting/downvoting other comments as well.

User Story: As a user, I would like to be able to communicate with other users via a private messaging system.

Task Description	Estimated Time	Owner
Implement a UI to display the conversation between users.	10 hours	Mark
Implement a means to relay the message between users in real time.	10 hours	Aaron
Implement the action that submits the message for relay when the user hits the send button.	10 hours	Aaron
Implement a chat box for user to input the message before sending.	10 hours	Aaron
Implement a chat history where the user will be able to view previously sent messages.	10 hours	Mark

Acceptance Criteria: If the user story is implemented successfully, users will be able to communicate in real time messaging and also view their previous chat history.

User Story: As a user, I want to have the ability to edit the posts I have made.

Task Description	Estimated Time	Owner
Create the user interface that the user will be using to edit posts.	10 hours	Kaiyi
Create means to verify the general format of the post information.	10 hours	Kaijun

Acceptance Criteria: If the user story is implemented successfully, the user will be able to access their previous posts and modify the text fields in them according to their wishes.

User Story: As a user, I would like to be able to receive notifications updating me about the posts I follow.

Task Description	Estimated Time	Owner
Implement a database that stores and keeps track of all the posts a user is following for every user	10 hours	Kaiyi
Implement a system that sends/receives a signal each time a post is commented on, updated or modified.	10 hours	Kaiyi
Implement a UI that display the notification to the users about followed posts	10 hours	Kaijun
Implement the action that stores the post to the database of followed posts when the user hits the follow button on a post.	6 hours	Kaiyi

Acceptance Criteria: If the user story is implemented successfully, the user will be able to get notifications via e-mail if posts followed have been updated.

Hours per person:

- Kaijun He: 33 hours
- Mark Yang: 30 hours
- Kaiyi Chen: 36 hours
- Kean Jye Tan: 31 hours
- Aaron Ho: 35 hours

Total estimated time in hours: 165

Remaining Backlog

Functional:

1. As a user, I would like the system to keep track on recently-visited threads.
2. As a user, I want to receive e-mail reports on missing cases around my area.
3. As a user, I would like to have the option to share my posts on various social medias.
4. As a user, I would like to receive feeds based on geographical regions.
5. As a user, I would like to have ready-made templates of reports to ease the process of filing and printing fliers(if time allows).

6. As a developer, I want to be able to classify posts that has been posted for a specific amount of time.
7. As a developer, I want to be able to receive feedback from users regarding their posts after a specific amount of time

Non-Functional:

1. As a developer, I would like to have a system to be scalable to handle large amount of concurrent users simultaneously.
2. As a developer, I want to have a secure system to protect the confidentiality of user data and information.
3. As a developer, I would like to have a responsive system to provide a minimal response time to users.
4. As a developer, I want the option to be able to port the application to the Android platform. (if time allows)
5. As a developer, I would like the option to be able to port the application to the iOS platform. (if time allows)
6. As a developer, I would like to have a GPS or IP address system to locate the users' current location.
7. As a user, I want to make sure my private information and data are not accessible to the third parties without my consent.
8. As a user, I would like to be able to use social medias to log into Mippsy.
9. As a user, I would like to have the option to share my posts on various social medias.

