

FilmedIn

Team 8 - Sprint 3 Planning Document

Shreya Shankar, Bhavana Kakubal, Parth Kenkere, Prashast Vaidya, Manu Aggarwal

Sprint Overview

For the third sprint, we would like to implement an instant messenger and various smaller site maintenance tasks and feature. On the frontend front, we aim to design and create an interface that enables disabled users utilise our web application and we will also implement few small features to the already existing web application. On the backend front,

Scrum Master: Parth Kenkere

Meeting Plan: Tuesdays/Thursdays during the scheduled CS 307 class (3:00 pm - 4:15 pm).

Risks and Challenges:

- 1) Since we have a couple of tasks from the previous sprint's backlog, it will be challenging for us to complete all the tasks of the previous as well as the current sprint. Hence, it is of paramount importance for us to work at a slightly accelerated pace compared to our pace during the previous sprint, and also to ensure that we do not get derailed in our work at any point.
- 2) Since we have planned that the frontend and the backend team will work simultaneously on the same section, neither team will have the other teams completed product to test theirs with. This will hinder our testing procedure and effectiveness.
- 3) We have slightly reworked the assignment of tasks on our team for the frontend team, We will be assigning a particular task to one group member- This task would encompass the controller as well as the HTML/CSS/JS files, the same group member would test this unit too. Getting used to this change may be a bit challenging for the frontend team, but any prospective problems can be avoided by effective and regular communications via slack or meetings with the subgroups in our team.
- 4) We should be wary of the user story that requires us to implement "Instant Messaging" as this particular task is so vast it can be made as a full fledged project by itself.

Current Sprint Detail

Instant Messaging

User Story #24

As a user, I would like to be able to instant message (IM) people of interest via the website.

#	Task	Time	Team	Owner
1	Create the database needed for IM	5	Backend	Manu
2	Setup Socket connections so that multiple users can chat simultaneously.	10	Backend	Manu
3	Create IM related API endpoints	10	Backend	Manu
4	Create controllers for connecting the IM frontend and backend	10	Frontend	Parth
5	Create a tab where two individuals can chat	10	Frontend	Shreya
6	Test the IM related API endpoints	5	Backend	Manu
7	Test the working of socket connections when multiple users login	5	Backend	Manu
8	Test the UI for chat between two individuals	5	Frontend	Parth

Acceptance Criteria:

- Given that the messenger page UI is created, one user should be able to send messages to another user.
- Given that the messenger page UI is created, a user should be able to choose which contact to send a message to.
- Given that the messenger page is implemented, a user should be able to open up and close a chat session

User Story #31

As a user, I would like to be notified when I receive a message

#	Task	Time	Team	Owner
1	Create a backend to get all the messages for a particular user	3	Backend	Manu
2	Create UI and controller such that the user is notified that he has received a message	5	Frontend	Parth
3	Test the notifying system (Frontend and Backend)	2	Frontend/Backend	Manu

Acceptance Criteria:

- Given that the notification UI is implemented, a user should be able to see a different color when he/she receives a message
- Given that the notification feature is implemented, the color should disappear once the user has checked the message.
- Given that the notification feature is implemented, the user should be able to see the number of messages he has received.

Website Maintenance Tasks

User Story #25

As a user, I would like to report inappropriate announcement.

#	Task	Time Required	Team	Owner
1	Modify the announcement manager to include flag for reports	5	Backend	Prashast
2	Create API endpoint for admin to flag an announcement	5	Backend	Prashast
3	Create a controller to send reports to the backend	5	Frontend	Bhavana
4	Create a UI for the user to report (a form) a post.	3	Frontend	Bhavana
5	Test the API changes made for reporting the announcement	3	Backend	Prashast
6	Test the UI form for reporting and announcement	2	Frontend	Bhavana

Acceptance Criteria:

- Given that the report UI is created, a user can report an inappropriate announcement to an administrator
- Given that the report feature is implemented, the user should be able to send a comment explaining why an announcement is inappropriate
- Given that the report feature is implemented, the admin should be able to remove the user who has been reported.

User Story #26

As a user, I would like to be able to send feedback to the maintainers of the website.

#	Task	Time	Team	Owner
1	Create a Database to manage feedbacks	3	Backend	Prashast
2	Create API endpoints to POST feedbacks	4	Backend	Prashast
3	Create controller to receive feedback from user and send it to backend	3	Frontend	Shreya
4	Create a form where user can give their feedback about the website	5	Frontend	Shreya
5	Test the API endpoint for feedbacks	3	Backend	Prashast
6	Test the UI and controller by sending test feedbacks	3	Frontend	Shreya

Acceptance Criteria:

- Given that the feedback UI is created, a user should be given the option to type and send feedback regarding the website
- Given that the feedback feature is implemented, a user should be able to view relevant contact information
- Given that the feedback feature is implemented, an email should be sent to the admin with the feedback and information of the user who gave feedback.

User Story #30

As an admin, I would like to see feedbacks and reports from the user.

#	Task	Time Required	Team	Owner
1	Create a GET API endpoint for all the reports and feedback for the admin	3	Backend	Prashast
2	Create controller to call the API and populate the admin dashboard with reports and feedbacks	3	Frontend	Bhavana
3	Create a UI where the admin can view all the feedbacks and reports	3	Frontend	Bhavana

4	Test the working of UI and backend for the feedback system	2	Backend/Frontend	Bhavana
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Acceptance Criteria:

- Given that the feedback UI is created, the admin should be able to view all the feedback from different users
- Given that the feedback feature is implemented, the admin should be able to remove feedback that have been resolved
- Given that the feedback feature is implemented, the admin should be able to scroll through the various feedback

Additional Features

User Story #27

As a user, I would like the resume of the applicant to be sent to the person who has posted the job.

#	Task	Time	Team	Owner
1	Modify the profile API to take link to resume of the user	2	Backend	Prashast
2	Modify the UI such that the user is asked to give the link to his resume	2	Frontend	Parth
3	Modify the profile controller to send the resume link to the backend	2	Frontend	Parth
4	Update the job posting UI such that the user can submit his resume	2	Frontend	Bhavana
5	Create a controller to take applications (resume) for a job posting	2	Frontend	Bhavana
6	Update the job posting API to save all the applications	4	Backend	Prashast
7	Test the API changes to save job applications	3	Backend	Prashast
8	Test the UI to submit resume for a job	2	Frontend	Parth

Acceptance Criteria:

- Given that resume UI is created, the user should be given the option to upload their resume link onto the website
- Given that the resume feature is implemented, the user should be able to successfully upload their resume link onto the site
- Given that the resume feature is implemented, the user should be able to replace an already uploaded resume link with another link

User Story #28

As a user, I would like to have links to every actor's social media.

#	Task	Time	Team	Owner
1	Update the profile API and database to save links to user's social media	3	Backend	Prashast
2	Update the profile UI to show links to the user's social media	4	Frontend	Shreya
3	Test the profile API changes to save user's	1	Backend	Prashast

	social media links			
4	Test the profile page to check for the links to social media	2	Frontend	Shreya

Acceptance Criteria:

- Given that the social media links UI is created, the user should be given the option to link to their social media pages
- Given that the social media feature is implemented, the user should be able to see the icons for their different social media's like twitter, facebook, etc.
- Given that the social media feature is implemented, the user should be able to be able to view his social media link when he clicks on a particular link.

User Story #29

As a user I would like to cancel my reservation for equipment at least 24 hours in advance

#	Task	Time	Team	Owner
1	Modify the equipment API to take cancellations for rented equipments.	4	Backend	Prashast
2	Modify the Equipments UI to take in cancellation requests.	3	Backend	Prashast
3	Test the cancellation request (backend and frontend)	2	Back/Front	Parth

Acceptance Criteria:

- Given that the cancellation UI is created, the user should be given the option to cancel their reservation if it's 24 hours before.
- Given that the cancellation UI is created, the user should be able to cancel reservation of equipments and rebook a different set of equipment.
- Given that the cancellation feature is implemented, the user should be receive an email when they request for cancellation of the equipment reservation.

Backlog

We will complete 30/31 user stories within the second sprint.

Remaining user stories:

1. As a user, I would like to login to the website.
2. As a user, I would like to reset my password (if forgotten) by sending an email to the user.
3. As a user, I would not like my password to be displayed.
4. As a user, I would want my password to be safely stored.
5. As a user, I would like the server to be able to perform account verification during login.
6. As a user, I would like to create a profile.
7. As a user, I would like to edit my profile.
8. As a user, I would like to post a job opportunity and provide a brief description of the role that is required, and the production.
9. As a job-seeker, I would like to search through all the jobs/opportunities posted.
10. As a user, I would like to search through all the available profiles based on age.
11. As a user, I would like to search through all the available profiles based on gender.
12. As a user, I would like to search through all the available profiles based on name.
13. As a user, I would like to view the news page.
14. (If time permits) As a user, I would like to view posts relevant to me.
15. As a user, I would like to view the available equipment to be rented.
16. As a user, I would like to view when the equipment will be available on a calendar.
17. As a user, I would like to rent equipment.
18. As an admin, I would like to be able to add and remove users.
19. As an admin, I would like to be able to add and remove posts on the news feed.
20. As an admin, I would like to be able to add and remove equipment available in the inventory.
21. As an admin, I would like to be able to change the color scheme of the site.
22. As an admin, I would like to be able to take the site offline when needed.
23. As an admin, I would like to be able to make changes to the orientation of the website.
24. As a user, I would like to be able to instant message people of interest via the website.
25. As a user, I would like to report inappropriate posts.
26. As a user, I would like to be able to send feedback to the maintainers of the website.
27. As a user, I would like the resume of the applicant to be sent to the person who has posted the job.
28. As a user, I would like to have links to every actor's social media.
29. As a user I would like to cancel my reservation for equipment at least 24 hours in advance.
30. As an admin, I would like to see feedback and reports from the user
31. As a user, I would like to be notified when I receive a message