FilmedIn

Team 8 - Sprint 2 Planning Document

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Sprint Overview

For the second sprint, we would like to implement the inventory page and the page that shows the newsfeed. On the frontend front, we aim to design and create an interface that allows users to view equipment and gear that is necessary for making a production. They will also have the option of renting this equipment, if it is available. If not, users will be able to see when the . On the backend front, we will write the database logic and call the appropriate endpoints to implement these features.

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 grouping among our team, to be able to complete all aspects of a particular task. Getting used to this change may be a bit challenging for the team, but any prospective problems can be avoided by effective and regular communications via slack or meetings with the subgroups in our team.

Current Sprint Detail

News Page Tasks

User Story #13

As a user, I would like to view the news page.

#	Task	Time	Team	Owner
1	Create the database collection for an announcement	3	Backend	Prashast
2	Create an API endpoint to get the announcements	5	Backend	Manu
3	Create the news page controller	5	Frontend	Parth
4	Create a UI for the news page	5	Frontend	Shreya
5	Test the API endpoint to get the announcements	2	Backend	Manu
6	Test the UI for the news page	2	Frontend	Shreya

Acceptance Criteria:
- Given that the news page UI is designed, the user should be able to view a list of news of the events held by the club.
- Given that the controller for the news page is implemented, when a user clicks the news button, users should be able to view a news feed with all the upcoming events.
- Given that the news page UI is designed, the user should be able to scroll through the list of news

Equipment Page Tasks

User Story #15, #16, #17

As a user, I would like to view the available equipment to the rented, **AND**

As a user, I would like to view when the equipment will be available on a calendar, **AND**

As a user, I would like to rent equipment.

#	Task	Time Required	Team	Owner
1	Create a database collection for equipments	3	Backend	Manu
2	Create an API endpoint to get all the equipment details	10	Backend	Prashast
3	Create an API endpoint to take a request for checkout of equipment	5	Backend	Manu
4	Create the Inventory related controller handling all requests and current availability	10	Frontend	Parth
5	Create a UI to view available equipments	5	Frontend	Bhavana
6	Create a UI for users to request checking out an equipment	5	Frontend	Shreya
7	Test the API endpoint for the equipment details	2	Backend	Prashast
8	Test the UI to view availabilities	2	Frontend	Bhavana
9	Test the UI to fill out form and send request for checkout	2	Frontend	Shreya

Acceptance Criteria:

- Given that the equipments page is implemented, the user must be able to see all the available equipment
- Given that the equipments page is implemented, the user must be able to request to checkout an equipment if it is available.
- Given that the equipments page is implemented, the user must be able to see on what days each equipment is available

Administrator Tasks

User Story #18

As an admin, I would like to be able to add and remove users.

#	Task	Time	Team	Owner
1	Update the database schema and module for account management to handle admin users	5	Backend	Prashast
2	Add API endpoints in the account-manager module to include adding and deletion requests	3	Backend	Manu
3	Modify the existing UI to show specific buttons if the user is an admin	3	Frontend	Bhavana
4	Test the API endpoint with an admin user	2	Backend	Manu
5	Test the UI for the admin user to add or delete user	2	Frontend	Bhavana

Acceptance Criteria:

- Given that multiple users have signed up and created accounts on the website, the admin should be able to remove a user and delete their account when appropriate. As a result, the user whose account has been deleted will not be able to sign in to the website
- Given that multiple users have signed up and created accounts on the website, the admin should be able to add a user to the website by giving the required information such as email and password, etc.
- Given that the controller for the admin user UI is implemented, when the admin clicks a button on the user card, that user should be removed

User Story #19

As an admin, I would like to be able to add and remove posts on the news feed.

#	Task	Time	Team	Owner
1	Add API endpoints in the announcements module to include adding and deletion of announcement.	3	Backend	Manu
2	Modify the UI to show specific buttons and functionality for the admin	3	Frontend	Bhavana
3	Test the announcements API endpoint to handle insertion and deletion requests from the admin	2	Backend	Manu
4	Test the UI for the admin to add and delete	2	Frontend	Bhavana

	announcements			

Acceptance Criteria:

- Given that the UI for the admin user of the news page is implemented, the admin should be able to view the new page which includes extra features along with the news page made for the user
- Given that the controller for the admin user UI of the news page is implemented, that admin must be able to click on a button on a news icon and be able to remove it on the news list
- Given that the controller for the admin user UI of the news page is implemented, the admin must be able to click a button that enables the admin to add another news icon to the list

User Story #20

As an admin, I would like to be able to add and remove equipment available in the inventory.

#	Task	Time	Team	Owner
1	Create an API endpoint to add and delete equipments from the inventory	5	Backend	Prashast
2	Create a controller class to handle addition and deletion requests for equipments	5	Backend	Parth
3	Create a UI for the admin to add, update or delete equipment details in the inventory	10	Frontend	Shreya
4	Test the API endpoint to add and delete equipments from the inventory	2	Backend	Prashast
5	Test the UI to add or delete equipments from the inventory	2	Frontend	Shreya

Acceptance Criteria:

- Given that the UI for the admin user of the equipments page is implemented, the admin should be able to view all the available equipment
- Given that the controller for the admin user UI of the news page is implemented, that admin must be able to click on a button on a equipment which removes it from the available list
- Given that the controller for the admin user UI of the news page is implemented, the admin must be able to click a button that enables the admin to add another equipment that will be made available

User Story #21, #22 and #23

As an admin, I would like to be able to change the color scheme of the site. **AND**
As an admin, I would like to be able to take the site offline when needed. **AND**
As an admin, I would like to be able to make changes to the orientation of the website.

#	Task	Time	Team	Owner
1	Make a drop down menu containing options to change the background color and font	3	Frontend	Bhavana
2	Add a button only visible to the admin to take the site offline	2	Frontend	Shreya
3	Create an API endpoint to handle the site being put offline	5	Backend	Parth
4	Add a dropdown menu to change the sequence of web pages the user sees upon visiting the website	3	Frontend	Bhavana
5	Store the Administrator's preferences in the database	3	Backend	Parth
6	Test that the admin can take the site offline and online back again	2	Frontend	Bhavana
7	Test that the admin can change the background color and font successfully	2	Frontend	Bhavana
8	Test that the admin sees a drop down menu on every web page he visits on the site	2	Frontend	Bhavana
9	Test that the admin can add and remove webpages viewed right after or before logging in	3	Frontend	Shreya

Acceptance Criteria:

- Given that the option to change the colour scheme of the website has been implemented, the admin must be able to change color and font of the text.
- Given that the button to take down a button has been added, an admin must be able to take down the website when he wants to. A user however must not have visibility to this button,
- Given that the administrator's preferences have been stored to the database, the changes made by an admin must be saved the next time he/she logs back in.

Previous Sprint Backlog Tasks

User Story #1, #2, #3, #4, #5, #6, #7, #8, #9, #10, #11, #12

#	Task	Time	Team	Owner
1	Make a controller that connects to the API endpoints	20	Frontend	Parth
2	Write the API endpoints for user stories #6 through #12	25	Backend	Prashast/Manu

Backlog

We will complete 22/31 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 the 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 the 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 search for profiles faster.
30. As a user I would like to cancel my reservation for equipment at least 24 hours in advance.
31. As a user, I would like to use a website which is accessible to disabled individuals.