FilmedIn

Team 8 - Sprint 2 Retrospective Document

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

Table of Contents

What went well?

1. Successfully operated git while maintaining an efficient workflow.
2. Our repository is now set to reflect the development process of each team member and reflect a working prototype of our product at all times in the production branch.
3. We were able to successfully finish all our backlog tasks from the previous sprint.
4. We were able to keep a much better pace with the requirements of this sprint inclusive of the backlog.
5. We simulated a mock sprint review with our project coordinator, Tori, before the actual one and we were able to identify some issues and obstacles that needed to be resolved in preparation for our sprint review

Following are the tasks we accomplished:
- Organized more team meetings to test the product prior to the deadline
  - The team met more often to discuss progress and test individual components and also held a demo among us to ensure that our group members were accountable with each other.

- Tested connections between frontend and backend
  - The team organized meetings solely to test the entire product and the connections between frontend and backend.

- Successfully created a page for users to view and rent available equipment
  - Using HTML and CSS, we were able to create the equipment page which showed all the available equipment belonging to different categories.
  - The user can also select the desired equipments for him/her to rent.

- Successfully created an admin page so that a user who is an admin will be able to add another admin, will be able to add and remove equipments from the inventory, and will also be able to add and remove announcements.
  - Implemented backend logic such that if the user is an admin then he is redirected to the admin page and if the user is not an admin then he is redirected to profile page.

- Learnt how to use the REST API to write controllers that connect the backend with the front end and pass information to and from these regions.

- Successfully created a dashboard for the admin where the admin can do the following tasks:
  - Change the color scheme for the site by toggling between Black and Gold color.
  - Take the site offline, if the admin intends to do some maintenance of the website.

- Successfully created a page where the user can see all the latest announcements and events happening on or around campus.
  - Admin has the authority to add/remove announcements.

What did not go well?

We fell short in connecting all the components of the frontend and the backend at the end of the sprint. We tested our product prior to the end. However the user stories that were implemented after our testing and before the deadline were not complete in their connection of the frontend and the backend. Although the frontend and backend were separately able to complete for most of the tasks, we failed to connect the two.

Despite having a more regular meeting with our coordinator, there seemed to be a general lack of communication among the group members.
We remodified the structure of our code base and did not do this in an organized manner. This led to each member having severe merge conflicts when they pulled files from another team member's branch which were not successfully resolved on time. This led to a lot of loss of time which could otherwise have been put to better use to accomplish more tasks of the sprint.

During this sprint, we realized how important it was to follow with and frequently check back on the planning document. This would have saved us from the miscommunications and missing tasks.

Following are the user stories we partially accomplished:
- As a user, I would like to view the news page.
- As an admin, I would like to be able to add and remove posts on the news feed.

For the above two stories, we were not able to connect the backend API to render frontend. The major reason for falling short at these tasks for the backend team was that a couple of us were busy trying to catch up with the incomplete tasks of the previous sprint and hence were unable to finish these tasks on time.

Following are the user stories we did not finish:

- As an admin, I would like to be able to make changes to the orientation of the website.

During the sprint, when we were implementing the user stories we realized that this user story was not feasible. It was too complicated to implement and we over-approximated the work for this story. We decided to drop it and will be adding in another user story and complete it in Sprint 3.

How we should improve?

For FilmedIn to be completed on schedule we need to individually and as a team complete all our assigned user stories and their sub tasks for the next sprint and catch up on our backlog

from the previous sprint. We have arrived at the following resolutions to achieve the above mentioned goals:

- Assign tasks amongst the member of the team equally so that no one team member feels a lot of load and will make everyone contribute equally.
- Inform everyone in the group of any major updates or changes that are made to avoid derailment of work or any kind of chaos in the last minute.
- Increase accountability of every team member so the tendency to procrastinate to the last few days before the sprint is reduced significantly.
- Clean our codebase as there is lot of redundant code and document the code so that it will be easier for the whole team to understand what part of code does what.