



Sprint 1 Retrospective

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Team 26

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1. What went well?

In Sprint 1, we were able to implement most user stories, some with a few kinks. Although we had a team member contribute very little to the sprint overall, aside from said team member, we were able to individually complete our user stories. There was a slight learning curve in the first weeks with the decision to use react and redux for our project.

Following are the tasks that were successfully completed in Sprint 1.

- Each user is able to successfully register on our website through the use of the Firebase user authentication.
- No user is able to register an account with an already in use email on Bartr. This was done through the use of the Firebase user authentication functionality.
- Once registered and/or logged in to Bartr, a user is able to access their own profile and view their posts.
- Once registered and/or logged in to Bartr, along with the ability to access their own profile, the user can access their account information.
- Us as developers are able to query posts based on a set geolocation of each post so listings can be displayed based on a specified viewing radius.
- Once registered and/or logged in to Bartr, a user is able to set a viewing radius from their location to only view posts within that radius.

2. What did not go well?

Although we were able to complete most of our user stories, we had a few that didn't get started and a few that didn't quite fit the user story acceptance criteria. We will be completing these user stories in Sprint 2.

Following are the tasks that were unsuccessfully completed in Sprint 1

- As a user, I would like to post a listing on Bartr, so others can see what I have to offer. This user story has had no work put forth to it on the front end, but has the back end set up. It will be picked up in Sprint 2.
- As a user, I would like the ability to delete my listings, so that its show the barter has been completed or the offer exists anymore. This user story has had no work put forth to it on the front end, but has the back end set up. It will be picked up in Sprint 2.
- As a user, I would like to send another user a message, so I can easily communicate with the other person involved in the barter. Messaging to a lobby in general was implemented on the front end, but not personal

messaging. The back end functions are set in the backend and the front end will be implemented in Sprint 2.

- As a user, I would like to view my messages, so that I can read and manage conversation with other users. As mentioned above, a group chat is currently implemented on the front end and personal messaging will be picked up in Sprint 2.

3.How should you improve

For sprint two we will try to improve in a few different ways to increase production of our webapp as a group. Firstly, we would to increase communication among team members. We would also like to increase our knowledge and overall skill of unit testing, as we have found out how difficult unit testing can be for our project. Finally, clarity of one's code should be improved overall.

- To solve the issue of communication among our team, we would like to enforce the weekly meeting times on discord to discuss what each team member is currently working on and what each person would like to have completed before next meeting.
- To solve the issue of unit testing, the team members should spend more time researching and implementing automated test cases.
- To solve the issue of code documentation, we will emphasize that each team member adds comments throughout their code to ease readability for other developers.