



## **Sprint 2 Retrospective**

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### **1. What went well?**

In sprint 2, we added critical functionality to the foundation we made in sprint 1. We successfully implemented several important user stories so that now we are in a good place to complete the project in sprint 3. We expanded the front-end functionality of the website extensively, adding several new pages and allowing the user more control over posts and bidding. We also added important systems to the back-end, which will make building and improving the user experience easier in sprint 3.

The following are the tasks that were successfully completed in Sprint 2:

- Implemented filtering jobs by age, number of bids, distance relative to user's location and bid amount.
- Implemented system to automatically delete posts that have been inactive for 30 or more days.
- Create view my posts page to allow user to see all of the posts they created.
- Implemented functionality to allow users to close posts.
- Created bidding system and display to allow users to bid on open posts
- Designed email notification system to allow users to receive important updates.

### **2. What did not go well?**

As in sprint 1, the biggest challenge we encountered this sprint was integrating the frontend and the backend. This sprint we had several issues with synchronizing the front and backend when multiple requests were needed in a specific sequence.

Another issue we faced in sprint 2 was that we implemented some important functionality, but did not think about how to demonstrate it. We ended up with no way of showing some of the functionality that we implemented. The fact that post creation did not work at the time of the demo made it difficult to demonstrate some of the other user stories.

Tasks that were not successfully completed in Sprint 2:

- The create post page did not work during the demo. We had it working before the demo, but it broke at some point before the demo. Both the front-end page and back-end endpoints are in place and working separately, the problem occurred in integrating the two.
- The functionality allowing the user to edit their profile was not complete. The front end page is in place, and the endpoint is present, but we have not yet gotten them to work together. This meant that there was no way for the user to input their location, so we could not effectively demonstrate the sort by distance.
- Selecting a winner did not function properly as defined in the sprint 2 planning document. We also could not demonstrate the email notification because of this.
- Ratings of users were not displayed alongside their bids when viewing a post as defined in user story 8.

### **3. How should you improve?**

One major way we could improve is by working on integrating the frontend and backend earlier in the sprint. This would have given us more time for testing and allowed us to ensure correct functionality for several user stories. We ended up with little time to find and fix bugs this sprint, a problem that would be resolved by integrating the frontend and backend for specific functionality earlier in the sprint.

Another way we could improve for next sprint is to work together to finish a user story completely rather than each working on a different user story. For this sprint, we spent most of the time each working on a different user story, but this caused some conflicts in which one person would implement one user story, then someone else would change something for another user story and in the process break the functionality for the original user story. It would be better if we worked together to complete a single story before moving on to another one to prevent conflicting changes.