

# TroveSpace

## Sprint 2 Retrospective

Team 13 | <https://github.com/baker323/TroveSpace>

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### What went well?

#### General

We did a good job managing our time and finishing the UI parts earlier in the sprint so we could have more time to focus on the backend and testing. We improved our communication and meeting scheduling so that we could stay on track and eliminate issues quickly. Although it took longer than anticipated, we were able to successfully learn how to use Algolia for our search functionality and figure out how to upload images to Firebase Storage. We worked well as a team to complete all of our planned user stories along with automated tests for each.

#### User Story #9

As a user, I would like to search for items that already exist in the TroveSpace database

#	Task Description	Estimated Time	Owner(s)
1	Implement UI for search results	10	Kareem
2	Implement Algolia search methods	15	Adam
3	Implement error handling for UI	3	Pritesh
4	Perform tests on search functionality	2	Rei

- Completed: Users are able to successfully search for both troves and collectibles with search suggestions as they type.

#### User Story #14

As a user, I would like to edit items that already exist in the TroveSpace database

#	Task Description	Estimated Time	Owner(s)
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1	Implement UI for editing items	10	Pritesh
2	Implement Firebase methods to update items	10	Rei
3	Implement error handling for UI	2	Kareem
4	Perform tests on edit functionality	3	Pritesh

- Completed: Users are able to successfully edit collectibles and submit their suggested changes.

### User Story #16

As a user, I would like to vote on whether or not changes made to an item are accurate

#	Task Description	Estimated Time	Owner(s)
1	Implement UI for voting for edits	1	Kareem
2	Implement UI for displaying vote counts for approve and reject	2	Kareem
3	Implement Firebase methods to fetch vote counts	2	Adam
4	Implement Firebase methods to increment vote counts	2	Adam
5	Implement error handling for UI	1	Pritesh
6	Perform tests on vote functionality	2	Rei

- Completed: Users are able to successfully vote on changes to a collectible, with the approved edits being accepted and the disapproved edits being rejected.

### User Story #20

As a user, I would like to create a new folder for items in a specific category

#	Task Description	Estimated Time	Owner(s)
1	Implement UI for creating a new folder for items	3	Pritesh
2	Implement Firebase methods to create a new folder	5	Adam

3	Implement error handling for UI	1	Kareem
4	Perform tests on edit functionality	1	Rei

- Completed: Users are able to successfully create any number of folders for any type of collection.

### User Story #21

As a user, I would like to add an item to a folder in my collection

#	Task Description	Estimated Time	Owner(s)
1	Implement UI for adding items to the folder	3	Kareem
2	Implement Firebase methods for adding an item to a folder	5	Rei
3	Implement error handling for UI	1	Pritesh
4	Perform tests on the add functionality	1	Rei

- Completed: Users are able to successfully add collectibles to their corresponding folders.

### User Story #22

As a user, I would like to search for items in a specific Trove (a Trove is a category for items, for example: baseball cards, stamps, coins, etc)

#	Task Description	Estimated Time	Owner(s)
1	Implement UI for search results	5	Kareem
2	Implement Algolia search methods	5	Adam
3	Implement error handling for UI	2	Pritesh
4	Perform tests on search functionality	3	Pritesh

- Completed: Users are able to successfully search for collectibles within specific troves.

### User Story #37

As a user, I would like to search for items within my personal collection

#	Task Description	Estimated Time	Owner(s)
1	Implement UI for search results	5	Pritesh
2	Implement Algolia search methods	5	Adam
3	Implement error handling for UI	2	Kareem
4	Perform tests on search functionality	3	Rei

- Completed: Users are able to successfully search for collectibles in their personal collection.

### User Story #38

As a user, I would like to see the date an item was added to my collection

#	Task Description	Estimated Time	Owner(s)
1	Implement UI for displaying time	1	Pritesh
2	Update Firebase method to return timestamp	1	Rei
3	Create Firebase method to store timestamp	2	Adam
4	Perform tests on timestamps	1	Rei

- Completed: Users are able to successfully see the date they added an item to their collection.

### User Story #39

As a user, I would like to see the date an item was added to my wishlist

#	Task Description	Estimated Time	Owner(s)
1	Implement UI for displaying time	1	Kareem
2	Update Firebase method to return timestamp	1	Rei

3	Create Firebase method to store timestamp	2	Adam
4	Perform tests on timestamps	1	Rei
5	Implement UI for displaying time	1	Kareem

- Completed: Users are able to successfully see the date they added an item to their wishlist.

### User Story #40

As a user, I would like to upload an image when creating an item

#	Task Description	Estimated Time	Owner(s)
1	Implement UI for uploading an image	5	Pritesh
2	Implement Firebase method for uploading an image	10	Rei
3	Implement error handling for UI	3	Kareem
4	Perform tests on upload functionality	2	Rei

- Completed: Users are able to successfully upload an image and see it displayed for each collectible.

### User Story #41

As a user, I would like to add details about my item based on the item's Trove

#	Task Description	Estimated Time	Owner(s)
1	Implement dynamic UI for item creation	10	Kareem
2	Implement Firebase method	3	Adam
3	Implement error handling for UI	1	Pritesh
4	Perform tests on the add functionality	1	Rei

- Completed: Users are able to successfully add details about collectibles according to their trove.

## What did not go well?

### Work Allocation

Some of our user stories turned out to take longer than anticipated. This was primarily related to researching, setting up, and implementing the search functionality. We could do better at making sure each member of the team does not have an unfair amount of work.

### Version Control Management

We still had some conflicts when pushing our work to GitHub that held back our progress. Since we were all using separate branches to push our completed code, not everyone was able to have the latest changes when merging branches.

### User Story #40

As a user, I would like to upload an image when creating an item

#	Task Description	Estimated Time	Owner(s)
4	Perform tests on upload functionality	2	Rei

- Incomplete: We were unable to create automated tests for uploading images because that functionality is not possible with Protractor. However, we completed them manually.

## How should we improve?

### Work Allocation

We will try our best in the next sprint to evenly distribute the work so that all team members have enough to do. We will make sure that each member has assignments with a similar level of difficulty. Instead of one person doing more difficult tasks, we will split them up more evenly.

### Version Control Management

We should make sure we coordinate our Git pushes and pulls better so that everyone is on the latest version. Since we still had issues merging branches, we should take some time to make this process easier for all members of the group.