



Sprint 2 Planning Document

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Team 26

Craig Ruble

William O'Malley

Tanner Ward

Ashwin Gokhale

Sprint Overview

Scrum Master: Craig Ruble

During this sprint we aim to add plenty more functionality to our web app such as creating posts, creating a support and help section, delete posts or even your account, view and edit your account information, and view all current posts. We want to put a lot of focus on the security aspect, especially when dealing with deleting accounts and editing account information.

Meeting Plan: Tuesday/Thursday 2:30 on Discord voice chat/Wednesday 2:30-3:00 with TA

Risks and Challenges: This sprint is handling many different aspects of the web app, so each person will be developing rather independently when compared to the first sprint. This can pose a struggle for those who aren't as versed in their coding ability as others. Also, with dealing with deleting accounts, security will be a large concern because we don't want other user's to have the ability to delete an account that isn't theirs. Finally, we are down a team member as of the end of Sprint 1, therefore, each member has more work to accomplish this sprint and the following sprint.

Current Sprint Detail

User Story #1

As a user, I would like to view a support/troubleshooting page, so I can attempt to solve my problem with the common issues and solutions provided or find contact information for additional help.

#	Description	Time (hours)	Team	Owner
1	Implement navigation bar and footer	1	Front	William
2	Format the page to fit the rest of the website using CSS	4	Front	William
3	Create stub to contact website support	2	Front	William
4	Populate the Page with needed information	3	Front	William
5	Unit testing for contact link	1	Front	William

Acceptance Criteria:

- Given that the support page is created successfully, when the user clicks on the support button, the support page will be displayed.
- Given that the support page information is displayed correctly, when the user is on the support page, then they will be able to view common questions, issues, and be able to see the website contact information.
- Given that the support page is implemented right, when the user clicks on the, “contact us”, link they will be redirected to an outlet for messaging the website support team.

User Story #2

As a user, I should be able to report another user so that I can alert of any users or listings that aren't appropriate.

#	Description	Time (hours)	Team	Owner
1	Create a Google Form for reporting a user	1	Front	William
2	Create and format a report button using HTML and CSS	2	Front	William
3	Implement the button on necessary pages	3	Front	William

	and locations			
4	Unit testing	1	Front	William

Acceptance Criteria:

- Given that the Google Form is well laid out, when the user views the form, then they will easily be able to fill out the information and submit the user report.
- Given that the button link works correctly, when the user clicks the button, then they will be redirected to a Google Form page to input necessary information.
- Given that the buttons are implemented on certain pages, when a user wants to report a user for misconduct, then they will be able to easily find the report button.

User Story #3

As a user, I would like to be able to send an email for support assistance, so I can obtain help with issues beyond a user's control.

#	Description	Time (hours)	Team	Owner
1	Create a button using HTML and CSS and place it in necessary and easy to find locations	2	Front	William
2	Have the button and hyperlink open user's email through Outlook	3	Front	William
3	Unit testing	0.5	Front	William

Acceptance Criteria:

- Given that the button is implemented well, when a user wants to email the Bartr support team, then they will be able to easily find the button that redirects them to the needed location.
- Given that the hyperlink is appropriately connected to the button, when the user clicks the button, then the user will be redirected to a location to input all necessary information to send out an email to the support team.
- Given that the email system works, when the user sends an email to the Bartr support team, then the support team will be able to view the information and be able to quickly assist the customer.

User Story #4

As a user, I would like to post a listing on Bartr, so others can see what I have to offer.

#	Description	Time (hours)	Team	Owner
1	Create UI for creating a post	10	Front	Ashwin
2	Create API controller for creating posts	10	Back	Ashwin
3	Unit Tests	2	Back	Ashwin

Acceptance Criteria:

- Given that the API endpoint is implemented correctly, when the user creates posts, it will be reflected in the Firebase Firestore.
- Given that the header is implemented correctly, when the user clicks on the create post link, they are redirected to the create post page.
- Given that the Firebase user auth is implemented correctly, when the user creates a post, the API endpoint will send an error if there is no authentication token.

User Story #5

As a user, I want to be able to delete my account, so it doesn't exist on the website anymore.

#	Description	Time (hours)	Team	Owner
1	Create UI for deleting a user's account	10	Front	Ashwin
2	Create API controller for deleting account	10	Back	Ashwin
3	Unit Tests	2	Back	Ashwin

Acceptance Criteria:

- Given that the API endpoint is implemented correctly, when the user deletes their account, it will be reflected in the Firebase Firestore.
- Given that the home page is implemented correctly, when the user clicks on the delete account link, they cannot log back in.
- Given that the Firebase user auth is implemented correctly, when the user deletes their account, the API endpoint will send an error if there is no authentication token.

User Story #6

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.

#	Description	Time (hours)	Team	Owner
1	Create UI for creating a post	10	Front	Ashwin
2	Create API controller for deleting posts	10	Back	Ashwin
3	Unit Tests	2	Back	Ashwin

Acceptance Criteria:

- Given that the API endpoint is implemented correctly, when the user deletes a post, it will be reflected in the Firebase Firestore.
- Given that the home page is implemented correctly, when the user clicks on the delete post link, the post does not show up in their listings.
- Given that the Firebase user auth is implemented correctly, when the user deletes a post, the API endpoint will send an error if there is no authentication token.

User Story #7

As a user, I would like to filter items in my listings feed by tag, so I can reduce the clutter of the listings to what I'm looking for specifically.

#	Description	Time (hours)	Team	Owner
1	Create search bar for posts	5	Frontend	Tanner
2	Backend algolia query for posts based on tags	8	Backend	Tanner
3	Unit testing	2	Backend	Tanner

Acceptance Criteria:

- Given that the search bar works correctly, users should be able to enter any tag to filter their listings to what they are looking for.
- Given that the post queries are implemented correctly, users should be able to view posts by specific tags.

- Given that the firestore query is implemented correctly, I should be able to automatically test to make sure the correct posts are being returned by a tag query.

User Story #8

As a user, I would like to search for specific goods in my area, so I can easily find what I am looking for.

#	Description	Time (hours)	Team	Owner
1	Filter searches by specific tags	10	Backend	Tanner
2	Display the search results on a seperate route so we can see the results.	6	Frontend	Tanner
3	Unit tests	2	Backend	Tanner

Acceptance Criteria:

- Given that the previous user story is implemented correctly, the post page should be able to be filtered by tags.
- Given that post page is implemented correctly, the user should be able to view all the filtered listings on a seperate route, but eventually it will be integrated into the home page.
- Given that the queries for algolia are implemented correctly, I should be able to automatically test adding and retrieving posts by specific information.

User Story #9

As a user, I would like to manage my account information, so that I can have the ability to change my information.

#	Description	Time (hours)	Team	Owner
1	Create boxes and display current account information	5	Front	Craig
2	Make display boxes editable	3	Front	Craig

3	Create and implement an update account information button	6	Front	Craig
4	Unit tests	2	Front/Back	Craig/Tanner

Acceptance Criteria:

- Given that the display boxes are implemented correctly, when I am on my settings page, I should be able to see my current contact information, display name, photo URL, viewing radius, and geolocation.
- Given that the display boxes are editable, when I click in the box, I should be able to erase the current information and type in new information.
- Given that the update button is implemented correct, when I click on it, it should update my account with the new information.

User Story #10

As a user, I would like to view a feed of listings in my area to browse services and goods I can exchange for.

#	Description	Time (hours)	Team	Owner
1	Format insertable html card for post info	4	Front	Craig
2	Post request backend for all current posts within set radius	4	Front	Craig
3	Display all current posts in a feed on the home page	5	Front	Craig
4	Unit tests	2	Front	Craig

Acceptance Criteria:

- Given that a post is formatted correctly, when I go to view it, I should be able to easily read it and understand it.
- Given that the post request is implemented correctly, when a user goes to their home page, the query will return all current posts within their specified radius in their settings.
- Given that the post feed is implemented correctly, when I go to my home page, the feed will be populated with the current posts.

Remaining Backlog (1st sprint, 2nd sprint, partly done)

- ~~1. As a user, I would like to register an account on Bartr using Facebook authentication to be able to create a profile.~~
- ~~2. As a developer, I want to ensure that no two users register with the same email, so that the website doesn't have duplicate users.~~
- ~~3. As a user, I would like to login in to Bartr to access my profile, manage my listings, and search for goods in my area.~~
- ~~4. As a user, I would like to manage my account information, so that I can have the ability to change my information.~~
5. As a user, I would like to view other's profiles to view their listings and services they offer.
- ~~6. As a user, I would like to view my own profile, so that I can access my own listings and account information.~~
- ~~7. As a user, I would like to post a listing on Bartr, so others can see what I have to offer.~~
- ~~8. As a user, I would like to view a feed of listings in my area to browse services and goods I can exchange for.~~
9. As a user, I would like to rate my experience with other users, so I can tell if other users offer good services.
10. As a developer, I want to ensure users can't rate another user more than once, so that they don't inflate or deflate another user's rating.
- ~~11. As a user, I would like to search for specific goods in my area, so I can easily find what I am looking for.~~
- ~~12. As a user, I would like to set my viewing radius of other offers, so I can limit how far I am searching from me.~~
- ~~13. As a user, I would like to send another user a direct message, so I can easily communicate with the other person involved in the barter.~~
- ~~14. As a user, I would like to view my messages, so that I can read and manage conversation with other users.~~
- ~~15. 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.~~
16. As a user, I would like the ability to edit any of my listings, so that I can correct any information that is wrong or edit any information on the listing.
17. As a user, I shouldn't be able to edit anyone elses listings, so that no one else can edit my listings and vice versa.
18. As a user, I shouldn't be able to remove other's listings, because that is beyond a general users scope on a social media site.

- ~~19. As a user, I should be able to report another user so that I can alert of any users or listings that aren't appropriate.~~
- ~~20. As a user, I want to be able to delete my account, so it doesn't exist on the website anymore.~~
21. As a user, I want the ability to choose what contact information I want to be public so I can protect myself from malicious calls/texts/emails not relevant to my listing.
22. As a user, I want the ability to tag the item/service I list and what I am looking for, so others know briefly what the listing entails to at a quick glance.
- ~~23. As a user, I would like to filter items in my listings feed by tag, so I can reduce the clutter of the listings to what I'm looking for specifically.~~
- ~~24. As a user, I would like to be able to send an email for support assistance, so I can obtain help with issues beyond a user's control.~~
- ~~25. As a user, I would like to view a support/troubleshooting page, so I can attempt to solve my problem with the common issues and solutions provided or find contact information for additional help.~~
26. As a user, I would like to request my password with the paired email when I forget my login, so I can log in to my account again.
- ~~27. As a developer, I would like to query user posts based on geolocation of each post, so I can display all listings around by a specific radius.~~
28. As a user, I would like to see another user's public contact information, so I that I know how to contact them for exchanges (unless hidden by user, must ask via direct message for public contact information).
29. As a user, I would like to apply to be a verified barterer if my trades and rating meet the requirement, so that others can visibly see, as a barterer, I can be highly trusted.
30. As a developer, I want to create a system for managing, tracking, and executing transactions between users so that I can automate the handling of transactions.