



Sprint 3 Planning Document

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Team 26

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Sprint Overview

Scrum Master: Craig Ruble

During this sprint we aim to add finer points of functionality to our web app such as delete and edit posts, 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 posts and editing post, reviewing users, automating transactions, and displaying user 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, however we will be developing rather much of the functionality together compared to sprint two. This can be an issue if someone has to wait for a team member to implement a piece of code before they can continue development of the function. Also, with dealing with deleting accounts and posts, security will be a large concern because we don't want other user's to have the ability to delete another user's property. Finally, sprint three being the last sprint provides several challenges in making sure we complete all of our user stories and ensure everything works together well.

Current Sprint Detail

User Story #1

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.

#	Description	Time (hours)	Team	Owner
1	Prevent user from rating another user more than once	10	Front	Ashwin
2	Let user know if they have already rated another person's profile	10	Front	Ashwin
3	Unit tests	2	Back	Ashwin

Acceptance Criteria:

- Given that the rating system is set up correctly, when a user tries to rate another user more than once, it will not let them.
- Given that a user isn't allowed to rate another user more than once, if they do they will be notified they have already rated the other profile.

User Story #2

As a user, I would like to rate my experience with other users, so I can tell if other users offer good services.

#	Description	Time (hours)	Team	Owner
1	Create UI for rating users on user page	10	Front	Ashwin
2	Create ratings controller for backend	10	Back	Ashwin
3	Unit tests	2	Back	Ashwin

Acceptance Criteria:

- Given that the API controller for ratings has been correctly implemented, when a user gives a 1-5 star rating to another user on their profile page, the rating will be set in the Firestore
- Given that the UI for ratings has been implemented correctly, when a user goes to another user's profile page, then they can see that user's average star rating
- Given that the API controller for ratings has been correctly implemented, when a users changes their ratings for another user, they will only be able to set 1 rating per user

User Story #3

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.

#	Description	Time (hours)	Team	Owner
1	Create UI for making offer on a post	10	Front	Ashwin
2	Create transaction API handler	10	Back	Ashwin
3	Create UI for accepting/rejecting offers on posts	10	Front	Ashwin
4	Unit Tests	2	Back	Ashwin

Acceptance Criteria:

- Given that the API controller for transactions has been correctly implemented, when a user makes an offer on a post, the other user will see the offer in their account
- Given that the UI for posts has been correctly implemented, when a user makes an offer on a post, the API controller will create a pending transaction in the Firestore.
- Given that the API controller for transactions has been correctly implemented, when a user accepts an offer for another post, both posts are removed from Algolia

User Story #4

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.

#	Description	Time (hours)	Team	Owner
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1	Create functional edit button for a user's personal listing	5	Front	Bill
2	All the user to edit and update their own post when the edit button is clicked	12	Front / Back	Bill
3	Unit testing	1	Front	Bill

Acceptance Criteria:

- Given that the edit button is visible on a user's post, when a user is on their account page, then they will have the option to click the edit button.
- Given that the edit button is displayed on each listing correctly, when a user clicks on the edit button of their post, then the fields of a post will be able to be changed.
- Given that the edit button works correctly, when a user edits their post and presses submit the post, then the post will update and display accordingly.

User Story #5

As a user, I shouldn't be able to edit anyone else's listings, so that no one else can edit my listings and vice versa.

#	Description	Time (hours)	Team	Owner
1	Hide edit button on other user's posts	6	Front	Bill
2	Make other user's posts non editable	10	Front / Back	Bill
3	Unit testing	1	Front	Bill

Acceptance Criteria:

- Given a user is on another user's account page, when they see the other user's listings, then they should not see a button to edit the listings.
- Given a user is on the feed page, when they see other user's listings, then they should not see a button to edit the listings.
- Given a user is viewing another user's listing, when they try to edit the listing, then they will not be able to or prompted to.

User Story #6

As a user, I shouldn't be able to remove other's listings, because that is beyond a general user's scope on a social media site.

#	Description	Time (hours)	Team	Owner
1	Make delete button invisible on other user's listings	10	Front / Back	Ashwin
2	Unit testing	1	Front	Ashwin

Acceptance Criteria:

- Given that the user story is implemented correctly, when a user is viewing another user's listing, then they will not see a delete post button on the listing.
- Given that the delete post button is implemented correctly, when a user views their own listing, then they will see the delete post button.
- Given that the user story is implemented correctly, when a user tries to delete another user's listing they will have zero ability to delete the post from any route.

User Story #7

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.

#	Description	Time (hours)	Team	Owner
1	Create toggle switches for each item on the settings page	1	Front	Craig
2	Implement getting the state of the toggle switches	4	Front	Craig
3	Set the toggle switch state to the user state	8	Front	Craig
4	Unit Tests	2	Front	Craig

Acceptance Criteria:

- Given that the toggle switches are correctly implemented, when the user clicks the toggle, it should switch states.
- Given that the toggle switch is implemented correctly, when the switch is in the 'hidden' position, that aspect of the settings should be set to the hidden state on their profile from other users.

- Given that the toggle switch is implemented correctly, when the switch is in the 'show' position, that aspect of the settings should be set to be shown on their profile to others.

User Story #8

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.

#	Description	Time (hours)	Team	Owner
1	Create a tag box for when a user is creating a post they can add tags	5	Front	Ashwin
2	Users can search for specific tags in the search bar	5	Front/Back	Tanner
3	Unit test	2	Back	Ashwin/Tanner

Acceptance Criteria:

- Given that the create posts page is set up correctly, a user can add multiple tags to their created posts.
- Given that the tags are implemented correctly, a user should be able to search all posts that contain a tag using the search bar.
- Given that the search bar works correctly, a user should see all the posts with a certain tag in their area.

User Story #9

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).

#	Description	Time (hours)	Team	Owner
1	Create section for user information	1	Front	Craig
2	Create labels for each information item (default is hidden unless set otherwise)	3	Front	Craig

3	Implement labels to correctly show information if not set to hidden.	10	Front	Craig
4	Unit Tests	2	Front	Craig

Acceptance Criteria:

- Given that there is an area to display the users information, when a user loads another user's page, there should be an easily located section for their contact information.
- Given that the state loads correctly, when you arrive on another user's page, their contact information should be displayed.
- Given that the hide certain contact information user story is implemented successfully, when you load another user's page, you are able to view their contact information (there will always be email visible, other fields are toggleable for visibility)

User Story #10

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.

#	Description	Time (hours)	Team	Owner
1	Create link and style	2	Front	Craig
2	Implement the link to complete the process for requesting your password	3	Front	Craig
3	Unit Tests	1	Front	Craig

Acceptance Criteria:

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User Story #11

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.

#	Description	Time (hours)	Team	Owner
1	Create page so users can apply to have a verified	5	Front	Tanner

	account			
2	If account is verified, add icon to account to show that it is verified	5	Front	Tanner
3	Unit tests	2	Back	Tanner

Acceptance Criteria:

- Given that the verification page is set up correctly, users should be able to apply to be verified.
- Given that the verification page works, it should send an email to the Bartr gmail account requesting to be verified.
- Given that a user is verified, an icon should be displayed on their page to show other user's that this page is trustworthy and verified.

User Story #12

As a user, I would like to view other's profiles to view their listings and services they offer.

#	Description	Time (hours)	Team	Owner
1	Create page for viewing a user based on their user id	10	Front	Tanner
2	Create link to users page in user items	10	Front	Tanner
3	Unit tests	2	Back	Tanner

Acceptance Criteria:

- User can click on user item and be redirected to a user's profile
- User can go to /users/:userid and also be redirected to a user's profile
- If a user goes to a route that does not exist, they will be redirected to a 404 route

Remaining Backlog (1st sprint (6), 2nd sprint (10), 3rd sprint (12), 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.~~