CommuniTrade
MVP 2 Status Report

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Summary

Creating a local community trading application that has a focus on the return item rather than the giving item, this way people can discover items they didn't realize would have value to others. This ensures responsible consumption.

Progress Status - Green

Found a work-around for the images not working on flutter web so I can now view the images on the web and avoid using the Android emulator altogether. I also successfully added tags to be added to a post that can be used to filter on the main page. I am now done my MVP1.

Activities—During the past sprint cycle

- Added a list of tags that can give each post more context
- Two drop downs that allow the posts to be filtered by the main item and the requested return item.
- Fixed the images issue
  - Flutter web uses html and blocks the use of fetch requests
  - flutter run -d chrome --web-renderer html
- Started re-formatting main page

Project Issues

- Due to a limitation on Firebase, applying both filters is not possible at this time,
  - Cannot do two where arrayContains in a single query
- No way to communicate between users/close trade offer
  - May be out of scope

Project Changes

- Decided the scope will include all items but focusing on general items like clothes, supplies, household items, fitness equipment, free, and an other selection.
- I would like to add some sort of score for how much waste they have saved from trading their items instead of sending it to a landfill.
  - Giving each of the tags a score and when they create a post it will add to the total score.

Activities—Planned for Next Week

- Fix layout
- Create a user profile page
  - template for both current user and the user clicked on from the main page

Reflection

- After getting the images and the filter options available, I feel very on track. A lot of research went into firebase and flutter functionalities which will help me with Capstone issues when they arise.
- Questions
  - Would it be beneficial to show the environmental impact score of user/individual item in each post?

Relation to Class Material

- Content oriented community
  - Assembly - how well our customers(content creators) put stuff together, images, videos
    - Focus on making it easy for users to create new content (posts)
  - Writing - Enabling customers to build and create content to create meaning
    - Enable creation of posts to create meaning
    - The score could also create meaning for the impact of their trade decisions.
  - Reading - Enabling navigate, search, synthesize
    - Easily navigate and filter content