



CommuniTrade

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UN SDG - 12: Responsible Consumption And Production

Trading app that allows users to reduce waste as they give items to others

Tech Configuration Inventory

- Facebook Marketplace, Ebay - list/discover new items and engage in transaction with others
- My app is similar in that you can list/discover new items but the main difference is to engage in trade instead of monetary exchange.
 - Reducing waste / Encourage trades with items with higher environmental impact



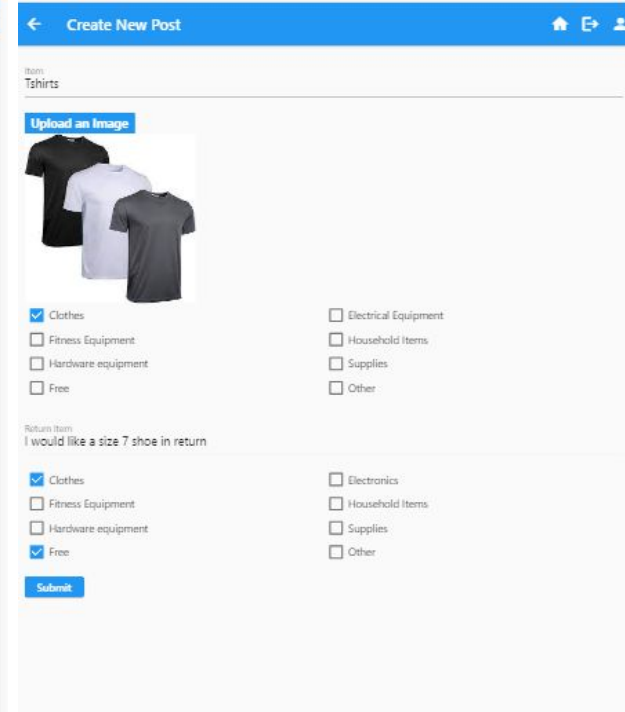
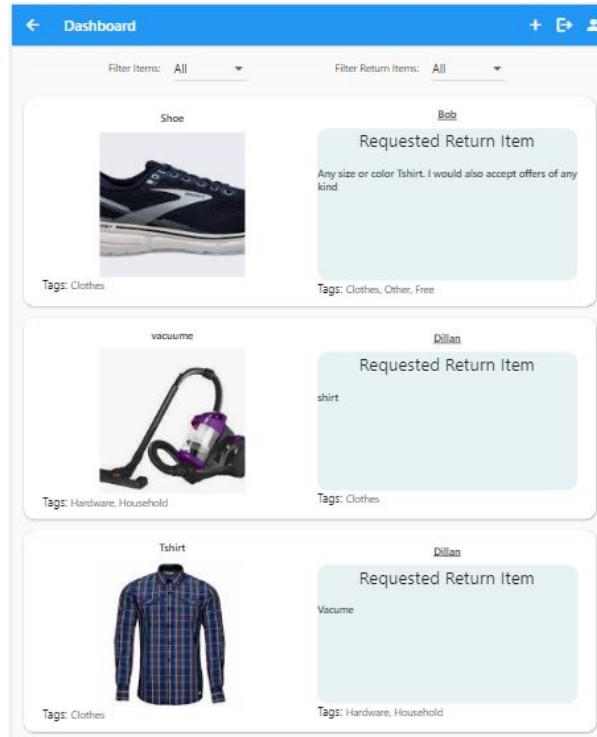
Community Orientations

- Content
 - Read/write/filter posts
- Participation
 - Need participants for posts to exist

Demo

Tech Stack

- Flutter/dart
 - Easy control of page / dependency and widget rabbit holes
- Firebase - Authentication+Firestore
 - Reliable APIs and easy to connect / little error checking methods/feedback





Future Work

- Communication between users
- Touch up UI
- Change environmental impact metrics to be more meaningful



Reflection

- Going forward, I will use my knowledge of flutter and firebase for Capstone project
- I disliked using flutter as there is little help online for some issues.
- I felt good about this project and enjoyed learning a new language at my own pace and experiment with different solutions.

Questions?