

DSCI 551 Project Proposal

Title

iRecycler

Topic

Information exchange, environment friendly, resources saving, social networking.

Motivation

Our team bought a lot of new things to meet our basic requirements after arriving at university, and we've seen multiple times before that information on resale of similar items were posted on different platforms, such as Facebook and Wechat, at much lower prices, which made us feel somewhat unfortunate. In addition, we realized that some information was posted in an unorganized manner, which took time to read and compare. As a result, this time we decided to create an information platform about re-leasing, re-sale and other demands within a certain area (for example ktown, downtown, DPS and other places near USC), hoping it can help corresponding users exchange information effectively and save time and money to some extent. Besides that, we also hope it can do something with the environment by promoting people to buy less new items and instead to utilize their own items to the greatest. Afterall, we expect this platform to be a convenient information exchange tool that can meanwhile enhance the awareness on resource recycling and environmental protection.

Plan & Milestone

- Brainstorm app features and UI design
 - Ex. account management, personal profile, filters/keywords during searches, post management, etc.
- Outline how features interact with each other and constitute the app as a whole
- Build the app
 - Firebase for data management
 - Use lectures and online references
- Test the app
 - Invite random people to use the app
 - Ask for evaluations and feedbacks
- Improve the app
 - Use evaluations and feedbacks as guides

Team members and responsibility

Our team expects to share the responsibilities equally so that we can benefit from practicing and learning the same skills at the same time for all the tasks.

- Ying Wang - Project proposal, ...
- Ziyue Chen - Project proposal, ...