Group 15 – Etch Team Um Ale

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Project: CollegeScavs

Description

Existing marketplace platforms have problems with bot profiles, untrustworthy listings, and listings that require an inconvenient amount of travel for the buyer. To effectively mitigate this problem, CollegeScavs is limited to two main target audiences: students who are graduating/leaving and need to sell their belongings, and students who are entering or looking for furnishings and supplies to buy.

CollegeScavs is an online marketplace tool for students to sell and buy college related items for cheap and aims to solve the common problem of students throwing out unwanted items when they graduate, and incoming students having to buy school supplies, dorm essentials, and more at a high price.

Students who are looking to get rid of their school supplies, furniture, and other college-related items can sign in and post listings for other students to find and buy. Incoming students, or any students looking to buy school supplies can find these listings, contact the student who created the listing, and set up a local exchange. This system ensures a trustworthy and local exchange for college students while also reducing waste and promoting sustainability.

Features

For the purpose of this project, we have split our features into Core and Secondary. Core is what we will classify as the project being "done", serving as the baseline for completion. All secondary features are optional, things that we may include if time permits, but are not fundamental to the project itself.

<u>Core Features</u>

- User account creation with required UFL email for fraud prevention
- Create custom listings, add tags, pictures, details, and more
- Filter across various categories of things to purchase
- Home landing / Store Front

<u>Secondary Features</u>

- Distance and location across Gainesville
- Seller rating and trust system
- Chat functionality within the site itself
- Search for specific names, labels, or keywords

Timeline

- **Week 1: Research and wireframing -** research competitors and proposed specifications, and determine the final wireframe model

- **Week 2: Backend setup -** Setup the server-side and database

- **Week 3: Authentication -** Determine the authentication method and implement it

- **Week 4 Core Functionality -** Dashboard and item listing functionality

- **Week 5: Secondary Functionality -** Searching, filtering, and messaging system

- **Week 6: Testing -** Testing, debugging, and polishing front end

- **Week 7: Final Preparations -** Final fixes and product launch