

Project Milestone 4

Recitation Number: 113

Team Number: 3

Team Name: Extra-Small

Team Members:

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Revised List of Features (Listed in priority order):

1. Register

The website/application will incorporate a registration page, which allows the user to create an account by verifying their identikey information, create a username, create a password, and input/verify any contact information. The identikey verification is vital as the site will be available to CU students/faculty only.

2. Login/Account

A page of the site/app that displays some text boxes for the user to input their credentials into.

3. Home Page

Upon registration and logging-in, the user will be redirected to a main page that will essentially be the main interface for the user. This page will essentially display a menu for the user to utilize as a main hub for their desired tasks, whether it be to search, add to or view their current posts, open a communication hub, edit their account information, etc. This page should also allow the user to view all posts relevant to their search, as well as allow the user to logout.

4. Creating a Post

The user must be able to create a post that advertises their product, which should include a picture of what they're trying to advertise, a title for the product, a brief description, and the listing price.

5. Edit/Delete post

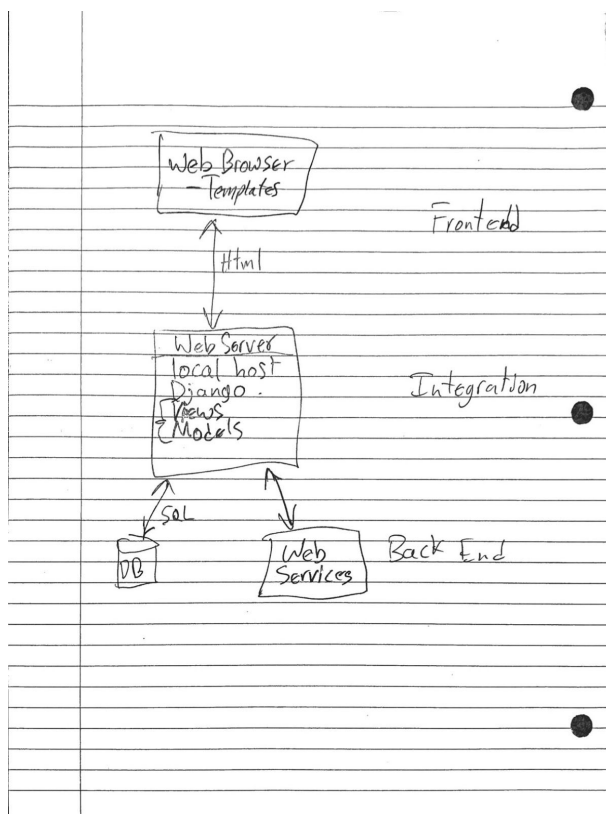
The user must be able to edit or delete a post that they created. This includes being able to change/delete photos, adjust the price, and other various minor changes to their post. They also have the option to delete their entire post.

6. Search

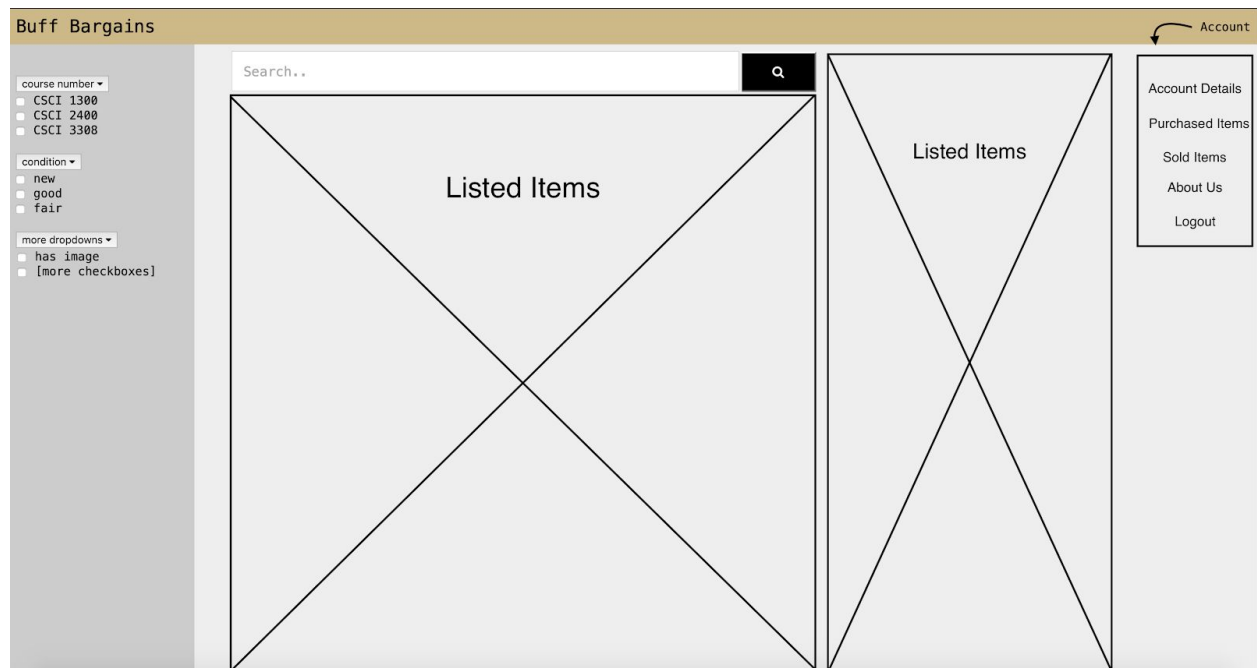
A function that looks up posts based on the tags/keywords that the user inputs/selects.

** It should be noted that the communication feature has been dropped from the feature list since milestone 2. This was decided as implementing a communication interface would have required knowledge of code and files that is beyond our scope and what is taught in this class.**

Architecture Diagram:



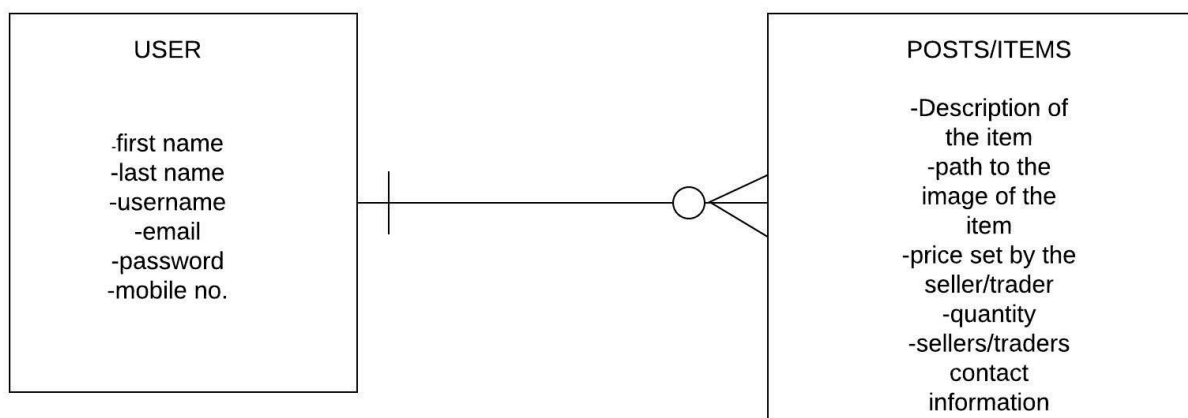
Front End Design:



Web Service Design:

- TBD (We may not use any web services)

Database Design:



- DBMS: SQLite

****Changes may come to the database depending on the changes we make towards this project.**

Document what features were completed, what worked during the demo, what issues were faced either during the development or during the demo, and what were the suggestions offered by the TA.

The web application is able to be hosted on a local server and displays the views for the registration, login, and home page. Issues faced during development include the communication setup. TA suggested using Django as the web framework and this is the direction we are taking.