

Link to Project Details: <https://cuboulder-csci3308.pages.dev/docs/project/>

- A login page
- A registration page
- A home page
- A server that allows the UI to communicate with the database
- A database that stores user information
- Passwords must be hashed and stored in the database
- Session Management - The user must be able to log in and out of the application and the session must be maintained
- Application is built within Docker containers - you can find some updates to the docker-compose.yaml in the write-up below.

Some recommended features:

- A UI that allows the user to interact with the application - this can comprise of multiple pages
  - These would be specific to the application you are building
- A profile page (where the user can see their information - optional)
- A superuser/admin account that can manage users (optional)
- A database that stores user data (optional)
  - The purpose would be to store user's activity to be recovered when the user logs back in
- A database that stores data from an API (optional) - if you are requesting repeat data from the API with every call, you could cache some data in your database.

### **Student Marketplace:**

Post:

- Title
- Image URL
- Price
- Description
- Contact information (email)

Register:

- Email (check for @colorado.edu)
- Confirm email
- Password
- Confirm password

Risks:

1. Accounts being stolen: High
2. Personal information being shared without permission: High
3. Revenge imagery being posted: High
4. Kids seeing profanity or other 18+ things: Low
5. Fraudulent Transactions: Moderate

Mitigation Strategies: 1. Protection against XSS and good password security, 2. A report system for posts allowing them to be taken down. 3. Transactions are done by the users, so a warning about being careful when doing a deal.

Lab 8 answers:

1. Team number: 014-10

2. Fighting Mongooses

3.

First Name	Last Name	Email	Github
Ben	Baumert	beba7223@colorado.edu	4benbaumert
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4. The CU Marketplace

5. Our application will aim to create a place where students can sell items that they no longer need, particularly if they are students living in the dorms. This will primarily be for

students who have a [@colorado.edu](mailto:@colorado.edu) email address, which will be from CU Boulder or CU Denver.

We will include a registration page in which students can input their email and password as their account information, which will be stored in our database. Once registering or logging in, On the main page will be a search bar to search for needed goods, images of the goods to show the state of the product, and a price for the goods displayed. There will also be a nav bar present, which will have login, register, and logout links.

6. University of Colorado Students, focused more on students living in the dorms
7. Vision Statement: To allow CU students to empower each other by selling important and useful goods at a reasonable price for their fellow students
8. All folders have been created
9. AGILE
10. Discord
11. TA meetings - Wednesday 1:40pm, Team meetings - Thursday 3:45



12.

Site Name

**Register**

Site Name

**Login**

Site Name

Search Bar

 Post Title Listed Price	 Post Title Listed Price	 Post Title Listed Price
 Post Title Listed Price	 Post Title Listed Price	 Post Title Listed Price

Site Name

Search Bar

 Post Title Listed Price	 Post Title Listed Price	 Post Title Listed Price
 <b>Description</b> contact		