

Group: 202-1

Team Name: Work in Progress

Team members: Evan Kuehr, Kaylee Engelhardt, Nick Price, Leon Shen, Gunther Wallach

Application name: CU Swap

Application features:

- Being able to create posts
 - Create an offer or request
 - Be able to put tags that the user has the ability to choose from on your offer or request so that it can be easier to find
 - By making the tags options to choose from, the services are more searchable
 - Include pictures if applicable
- Being able to reply to posts
 - Reply to an offer or request through a direct message
- Login
 - Login to your unique user account
 - Possibly link to your CU account (Student ID?)
- Register for an account
 - Create your unique user account (email,username,password)
- Message the user with regards to a product
 - Mailing system that allows people to send private messages to each other without others being able to see the content
 - Possibly use an anonymous email that acts as a middle man (think Craigslist) or direct messaging in the browser
- Rating system for each user to determine if they are credible or not
 - After a transaction, ask the user to rate the other person
- Report System for people violating the TOS
 - Ability to report any available offers that are obviously against TOS (No inappropriate offers)
- Search posts, and/or filter by key tags
 - Select from a drop-down menu with the tags, and you can select more than 1.

1.

Feature: Creating Post

User Story (functional requirements):

What: The ability to create a post such that other people in the CU community will be able to see what people are offering.

Who: This is beneficial for all users of the program who want to list a service/item

Why: These posts will allow people to view potential assets and see if they offer a certain skill or item that other students will be able to use

When: HTML completed by 11-4, fully completed by 11-18

Acceptance criteria: This feature is complete when only registered users are able to create posts that can be seen by others. Non CU students will only be able to view the posts and not post.

Non-functional requirements:

- A button will be on the right-hand side labeled Create Post which will redirect the user to a form to create their post
- There will be a section for Title and a section for the body. The body section is meant for what they are trading along with pictures or a description of their skills.
- There will be checkboxes for selecting tags for the post
- Date that the post was created is listed
- Will check to make sure that before a user is able to create a post they are logged into a valid account

2.

Feature: Replying to a post

User Story (functional requirements):

-What: Once another user has made a post you will be able to send a reply that you are interested in the service/item that they are offering

-Who: CU Students

-Why: Users need to be able to reply to a request so they can meet up.

-When: HTML completed by 11-4, fully completed by 11-18

Acceptance criteria: This feature is complete when users are able to reply to each other's posts

Non-functional requirements:

- There will be a button to reply to a post on the front end.
- Users can send a message to the poster.
- This will be done either through an anonymous email that acts as a middle man between two users or through a direct messaging system on the user profile page

3.

Feature: Login/register

User Story (functional requirements):

What: Check for colorado.edu email. Every user has a unique login, and a unique username that allows them to separate themselves from everyone else, as well as create a username that provides a sense of anonymity.

Who: Every user of the service

Why: Separates the users from other users, and provides anonymity. Checks to see if they are a CU student or faculty.

When: HTML completed by 11-4, fully completed by 11-18

Acceptance criteria: When someone can log in, and someone without a colorado.edu email cannot log in

Non-functional requirements:

- Conditional statement that checks to see if email is @colorado.edu.
- Uses a database to store the email, name, and password
- Has to check to make sure the username does not exist already and the password is valid
- Cannot use the same email twice
- This can all be done using HTML and javascript with an SQL database

4.

Feature: Rating a user

User Story (functional requirements):

What: After an exchange is made between users, each one gets the ability to rate the other user 1-5 stars.

Who: All users looking to use the app seriously, as illegitimate users will receive negative reviews, and will be easy to avoid.

Why: Keeps the app from being flooded by illegitimate offers.

When: HTML completed by 11-4, fully completed by 11-18

Acceptance criteria: This feature is complete when each successful exchange ends with rating prompts, and the ratings are connected and displayed with everyone's profiles.

Non-functional requirements:

- User is presented with a prompt after successful exchange in which they can select anywhere from 1 to 5 stars. This rating is then saved as a part of the other user's overall rating
- The ratings will be displayed on user profiles

5.

Feature: Report system

User Story (functional requirements):

What: Users will be able to report any inappropriate posts that are on the site

Who: Users will report other inappropriate users and the developers can then ban offending accounts

Why: Users need to be able to report inappropriate posts so the site remains an ethical and reliable item/service exchange

When: HTML completed by 11-4, fully completed by 11-18

Acceptance criteria: This feature is complete when a report button is added to every post that will send a message to the developers

Non-functional requirements:

- A report button is visible on every post

- Clicking it will ask the user why they are reporting (opens a text box with a submit button)

- This will send an email to the developers with the report

6.

Feature: Filter through posts

User Story (functional requirements):

What: A filter feature that allows users to check specific categories that they are looking for. Whether this would be food, skills, etc, they will be able to search for what they need

Who: All CU Students / Faculty will be able to utilize this feature

Why: This is important because this will save a lot of time scrolling through posts that do not match the user's criteria.

When: HTML completed by 11-4, fully completed by 11-18

Acceptance criteria: This feature is complete when only certain tags are created for users to select from. Members will not be able to create their own tags or additional search criteria. Corresponding posts will be displayed when filtering posts by tags.






















Non-functional requirements:

- Each checkbox should remove certain posts that do not fit the category
- If none of checkboxes are clicked, then load all posts. If one of them is clicked then load only that specific type of post
- Save button that keeps track of the filters clicked

Project Plan:

We created our project plan within a website called Asana.

We will have three sprints with certain features being completed in each one. See the screenshot below:

Task name	Assignee	Due date
:: ▼ Sprint 1 10-21 thru 11-4 ...		
✓ Set up data base	 kaylee.engel...	Nov 4
✓ Home page visuals	 Nicholas Price	Nov 4
✓ Login page visuals	 Leon Shen	Nov 4
✓ Registration page visuals	 Gunther Wal...	Nov 4
✓ "Create post" page visuals	 Evan Kuehr	Nov 4
✓ "Post" page visuals	 Gunther Wal...	Nov 4
✓ User profile page visuals	 Leon Shen	Nov 4
▼ Sprint 2 11-4 thru 11-18 ...		
✓ JavaScript for registration	 Leon Shen	Nov 18
✓ JavaScript for logging in	 Leon Shen	Nov 18
✓ Creating accounts within database	 kaylee.engel...	Nov 18
✓ Password Hashing	 kaylee.engel...	Nov 18
✓ JavaScript for creating posts	 Evan Kuehr	Nov 18
✓ JavaScript for looking at a post	 Evan Kuehr	Nov 18
✓ JavaScript for user profile page	 Gunther Wal...	Nov 18
✓ JavaScript for homepage	 Nicholas Price	Nov 18
✓ Javascript for Filtering posts	 Nicholas Price	Nov 18
▼ Sprint 3 11-18 thru 12-2 ...		
✓ Merge Database and Website	 kaylee.engel...	Nov 29
✓ Integration layer for homepage	 Evan Kuehr	Nov 29
✓ Integration layer for creating/loading posts	 Leon Shen	Nov 29
✓ Integration layer for user profiles/messaging	 Gunther Wal...	Nov 29
✓ Integration layer for login/register	 Nicholas Price	Nov 29