

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 description: This application will be used to exchange favors or items. This will function primarily as a local messaging board for CU students to find and trade for objects and services that they desire. It will help connect students by allowing them to sort by category or search using keywords.




It will be an online message board, so the website will be designed using HTML and CSS. It will allow users to post new items/services to trade or allow you to search for your desired items/services. The user can then message the poster about accepting their deal or offering a new/similar one. We will also suggest potential locations on campus to meet up for transferring items. Once an offer is no longer available, it will be automatically be removed from the visible listings. Any posts older than 10 days will automatically get removed.









**Vision Statement:**

- Our product is for CU Boulder students who want to swap favors or items.
- It is an exchange platform that provides a simple way for students to trade items and services. This allows people to use their talent in exchange for something they may not be proficient in.
- Unlike Craigslist, our product provides a local and centralized platform for students to exchange things with no money involved.

## Version control:

 nickkprice / **meetingLogs**

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  0  0  0    

Options

**Collaborators**

Branches

Webhooks

Notifications



Integrations & services



Deploy keys



Moderation




Interaction limits


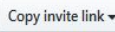

**Collaborators** Push access to the repository


 Ishen365 


 SeerOfDreams 




 EvanKuehr 









 Awaiting joshladd's response  

 Gunther Wallach  
Awaiting guwa4340's response  

Search by username, full name or email address  
You'll only be able to find a GitHub user by their email address if they've chosen to list it publicly. Otherwise, use their username instead.  
 

 nickkprice / **work\_in\_project**

 1  0  0

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Options

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Moderation


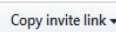

Interaction limits


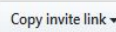

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The screenshot displays the GitHub repository settings for 'nickkprice / milestoneSubmissions'. The 'Collaborators' tab is active, showing a list of current collaborators and pending invitations. The sidebar on the left includes links for Options, Collaborators, Branches, Webhooks, Notifications, Integrations & services, Deploy keys, Moderation, and Interaction limits. The top navigation bar shows repository statistics: 1 Unwatch, 0 Stars, and 0 Forks. The main content area lists three collaborators: Ishen365, SeerOfDreams, and EvanKuehr, each with a remove button (X). Below them are two pending invitations: one from 'Awaiting joshladd's response' and another from 'Gunther Wallach' (Awaiting guwa4340's response). Each invitation has 'Copy invite link' and 'Cancel invite' buttons. At the bottom, there is a search bar for adding new collaborators with the text 'Search by username, full name or email address' and a note about finding users by email address.

Development method: We will be using AGILE or a slightly modified version of it. Agile uses sprints where certain tasks are completed in each sprint. During these periods of 1-4 weeks we will develop a plan, design what the new features will look like, develop/program these features, and have a prototype completed at the end of the sprint. We can then reflect on what worked and what didn't during that sprint. This process will be repeated multiple times.

Communication plan: We will primarily be communicating in-person in our twice a week meetings, over a text group chat besides that, and our version control will be handled via git. We will also use the project management tool Asana, which allows us to visually see what tasks need to be completed on a board.

Proposed architecture plan: The front end will be HTML and CSS. We will also utilize Bootstrap to assist us in designing the web layout. This will be used for displaying visual information to users and taking user input. It will also be responsible for the interaction with buttons and making sure they redirect the user to the proper page. For backend development, we are going to use Java/C++, Python, and SQL if necessary. Our application will need to store information about user accounts and item exchange listings in a database. The website will probably be hosted locally.

Meeting plan: We will meet face to face over 4-6 pm on Tuesdays (depending on people's availability) and from 4-5 pm on Thursdays. We will meet in one of the study rooms in the ITLL. In the future, once everything is going well, we can just meet on one day for a 2-hour chunk of time.