

# CodeCollab

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## CUNY Tech Prep

### Team Members

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## Summary

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The main goal for this application would be to create a social environment for students or developers to find and share small open source projects to work on together. The application would provide a easy way to search and find projects that need help and fit your skill set. On the other side, it could also be a place where you post a project you've been working on to invite others to join in.

For those who are new to programming it can feel intimidating trying to get involved in large open source projects. Furthermore, there are plenty of beginners who don't have a community around them to work on projects with. This application would help those individuals feel empowered to help each other to create projects they are passionate about.

Something similar to this idea would be Github's explore page, where you can search through projects that are trending or showcased. The difference would be that most of those projects are there because they are being used by many people, not necessarily because the owner of the project needs help working on it. At CodeCollab you can narrow down your search and know that the project runner actually wants your help!

## User Type

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User types apply when a user decides to actually make an account on the site. When they post a project they then become a "Content-creator" and an "Moderator" of their own "project page". Otherwise users are free to browse and join other projects.

## Use cases

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The first type of user is a student or developer that is looking to work on an open source project but doesn't have any idea how to get started. He/she could then come to this site and simply browse the posts for something they're interested in. If they find something that might be a good fit, they would then create an account and "join" the project.

The second type of user is similar to the first except that they already have a project idea that they are excited to work on. The only problem is that they need some help and are looking for teammates to work with. He/She would make an account on the site and make a "project page" that could be found on the post page based on language, skill level, etc. This user would make sure to include important information such as the github link, status of the project, what type of partners they are looking

for.