

Project Proposal

CS320 Fall 2022

Company Name:

ScotHub Incorporated

Application Name:

WooCode

Proposal (\geq 300 words):

This application is going to be a place for Wooster CS students where they can upload their coding projects and be a convenient place for any students interested in CS where they can browse various projects and give feedback. Currently, the CS department uses many different methods of assignment distribution and collection, the idea of this would be to create a place where professors and students can keep all their materials in an easy to access, intuitive place, accessible by their Wooster accounts. The intended audience is Wooster students and faculty, who may either be in the CS department or just interested in learning some more about coding.

Some of the features this will have:

1. A search bar for users to find projects of a certain type or from a certain class.
2. The ability for professors to create submission areas (like assignments on Moodle)
3. A way for students to upload their projects in the assignments or just associated with a class.
4. It will display related projects from the same assignment so people can easily navigate to other similar areas of interest or questions.
5. A feedback system where students can provide comment about what they like or think could be improved upon for any specific project.
6. An option to follow certain students or faculty and have their code posted to the front page of the user's account.
7. An option to share a link to other people's code.
8. An option to download other user's code so they can interact with it and learn why what the user did works.
9. Students will be able to navigate by class groups to see what is going on in each class.
10. A way to message users privately, if they want to leave feedback or engage in dialogue but do not want to leave a public comment

