Team Number: 102-3

Team Name: wildKats

Team Members: Jack Holland, Lina Larson, Alan Yu, Liam Hollins, Ian McGregor

Application Name: CPPTutorials

CU's Guide to an A++ in C++

Application Description:

Our project will be a website that provides students with a basic syntax guide to C++. The website will be catered toward students who are completely new to coding and C++.

We will have a search bar and tabs to help students navigate through the website. It will be simple, straightforward, searchable, and easy to navigate. It will be useful for students learning to code in c++, especially those taking CSCI 1300 at CU.
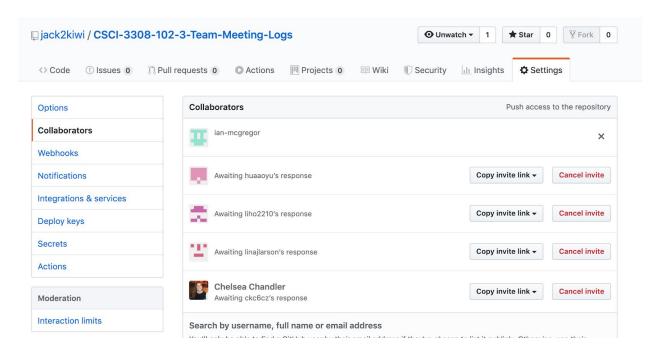
Vision Statement:

For Students who will be taking CSCI 1300 at CU who are looking for a syntactical resource while coding and studying the C++A+ is a basic syntactic guide that is simple, straightforward, searchable and easy to navigate.

Unlike many C++ resources which are hard to navigate, confounded with jargon, difficult to navigate and not aesthetically pleasing our project will have an internal search function, have a simple and crisp design and above all will be user friendly for the uninitiated.
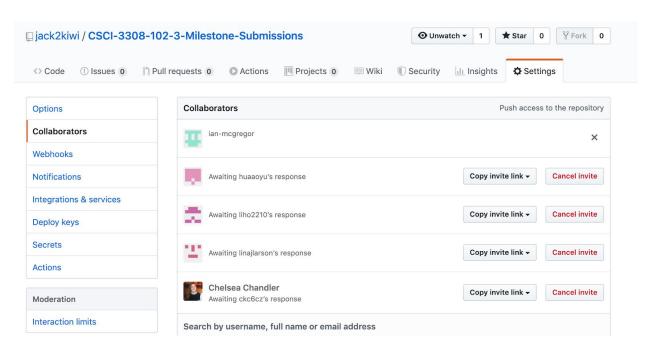
Version Control:

Git Usernames: jack2kiwi / huaaoyu / ian-mcgregor / linajlarson / liho2210 / ckc6cz
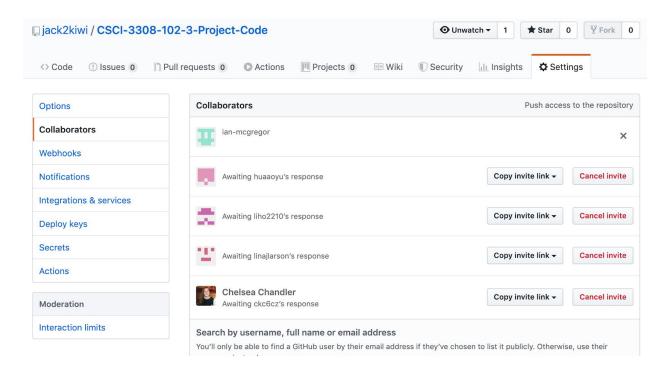
Team Meeting Log Repo Image:

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Webhooks	
Notifications	
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Secrets	
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Interaction limits	

Collaborators   Push access to the repository

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Main Project Master Branch Repo Image:

Development Method:

The development method we will use will be the Agile/Scrum combination. Using an iterative Agile system, we will focus on the "customer" value and incremental delivery system. Additionally, the Scrum method will incorporate prioritizing the highest value "user stories" and a Scrum master facilitator to help conduct the progress of our team.

Communication Plan:

Communication will take place using a combination of Snapchat and Slack. For all non-project related communication such as meeting organization, general, non-technical topics Snapchat will be used. Slack will be used for technical, project related communication and if necessary face to face video chat meetings between members working on components of the project in tandem.

Proposed Architecture Plan:

For the architecture plan we will be using a layered plan. This way the subtasks can be distributed properly, and each layer will be able to connect to the next. The front end will mostly use HTML to design content,javascript to handle reactions and CSS to work on the display. While the back end will use python and or ruby to control the workings and security of the site. The two will connect by sending HTTP responses from the front end to the back end.

Meeting Plan:

We will be conducting weekly meetings on Sundays at 5:30 PM face-to-face in the Engineering Center. If we are unable to meet in person for a particular week, we will hold a video meeting on slack. If needed, we will have additional meetings at 2 PM on Thursdays face-to-face in the Engineering Center immediately before our recitation.