

Team Number: 109-2

Team Name: Bello

Team Members:

Nikolaas Bender
Johnathan Gossett
Iva Majeticova
Ngozi Nwankwo
Cooper Simpson
Benjamin Singer

Application Name:

Collaboratorium
CO-Lab
Virtual Project/Team Coordinator
YouKan/KanDo

Here are some of our ideas, we have not settled on a final name yet.

Application Description:

Collaboratorium is a web application for workflow and team management intended to be used in anything from the most technical projects to planning your day. As a user of this application one will be able to manage their projects through a number of ways. This application will allow users to login into their account, view projects, and participate in these projects. Multiple users will be involved in a project distributing tasks, communicating, and sharing information.

This application will present a user or group with a clean, straightforward, easy to use interface that will allow them to manage project workflow. In addition, the application interface will be personalized to each user. The point of this application is to model the user interface of facebook. This will encourage the user to stay up to date on a project and create a more cohesive work environment. There will be many pages in which the user can first, access their contribution and responsibilities, monitor the projects progress, chat with other group members, etc.

The core functionality of this project comes in being able to distribute tasks among users in a project, allowing users to interact with each other through messages and tasks, provide notifications for users when important events occur, and allow the user to customize their layout.

Altogether this project hopes to allow people to seamlessly create and collaborate with others on projects through this virtual interface.

Vision Statement:







For anyone who has a busy life and wants to take control Collaboratorium is an application that will let you manage your work in a personal way limiting stress and increasing one's productivity--streamline your workflow through a personalized, lightning fast, project tasking experience.

Version Control:







Deliverables: <https://github.com/NikolaasBender/SoftwareDevProject.git>

Milestones: https://github.com/RS-Coop/CSCI3308_Milestones.git

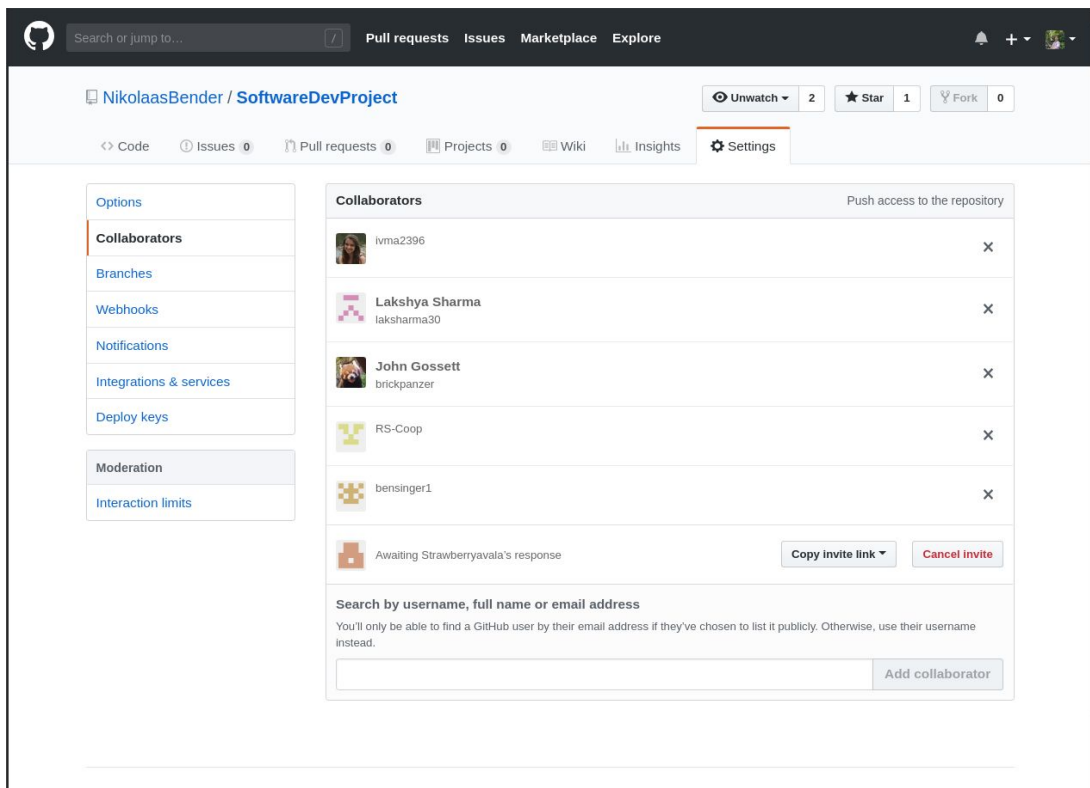
Meeting Minutes: https://github.com/RS-Coop/CSCI3308_Minutes.git

Collaborators		Push access to the repository
	ivma2396	×
	Nick Bender NikolaasBender	×
	John Gossett brickpanzer	×
	bensinger1	×
	Lakshya Sharma Awaiting laksharma30's response	<button>Copy invite link ▾</button> <button>Cancel invite</button>
	Awaiting Strawberryavala's response	<button>Copy invite link ▾</button> <button>Cancel invite</button>

Git owner is Cooper Simpson

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Add collaborator

Git owner is Nick Bender

Development Method:

Iterative development method, we plan on making the base of the website and platform and adding to it throughout the semester to achieve our stretch goals.

Communication Plan:

We have a group message on Slack where we plan meetings and discuss our project. We will also be able to use Slack to coordinate smaller meetings among team members that require more meeting time with each other, while not necessarily needing to involve the whole team. We have also created a google spreadsheet to see everyone's extensive availability to make it easier to coordinate our meeting times. We can then seek out availability for the members we need to work with individually.

Proposed Architecture Plan:

Html/CSS - Front end
Javascript - Front end
Golang - Backend
Sql - Backend

Our proposed architecture for this project follows a front end through back end approach. We will be using HTML/CSS/Bootstrap for the front end development. This will cover formatting and developing the client side interactivity of our project. In addition to this JavaScript will be used to supplement the client side features. On the backend we will be using SQL to manage our database and server. This will take care of retaining user information and website data. To connect these two sides together we will be using Golang. Golang was selected to manage the rest of the website operations due to the efficiency and scalability that golang offers. Besides the performance benefits, golang also offers easy to use packages like python so we can expand our website with premade libraries to keep everything running smoothly. In a more abstract sense, golang is like c# from microsoft and lets us implement the MVC framework so the knowledge we gain from this website is applicable to other languages in industry.

Meeting Plan:

Thursdays 4:00-5:00 pm

- face-to-face meeting, location will be discussed every week but mostly the Engineering center or Math library

Sub-team meetings as required

- Coordinated by our google spreadsheet with extensive availability for all members

