Team Number: 015-01

Team Name: Team 0

Team Members:
- Owen Billings
- Greyson Hall
- Tristan English
- Solomon Bear
- Jason Schwartz
- Gabe Fromme

Application Name: CU Scheduler

Application Description:
        Students are tired of having to manually build their schedules each semester. They know what classes they need to take, but having to put each lecture and recitation into their schedule individually is a big waste of their time. The new CU Scheduler will help do away with that problem. All you have to do is simply add all of the classes you want to take to your shopping cart, press go, and the CU Scheduler will automatically create multiple schedules for you. From there, you can pick the schedule that works best for you and you will automatically be enrolled in those times for the classes you need.
        The CU Scheduler will grab the information for CU classes from the classes.colorado.edu website and use that information to help build a user's schedule. To start, the scheduler will make sure that each class is at least ten minutes before the next, in order to prevent classes from being scheduled too close together.

Vision Statement: To be an easy way for CU students to schedule their classes each semester. Unlike how the current scheduler is built, the new CU Scheduler will make scheduling classes pain-free.

Version Control: https://github.com/cub-csci-3308-spring-2022/csci-3308-spring22-015-01

Development Method: We will use a hybrid of agile methodologies for our project, focusing on working software over comprehensive documentation, and responding to change over following a plan. Instead of coordinating work using JIRA, we plan on communicating through Discord to delegate tasks and provide updates on progress.

JIRA Board:
https://015-01.atlassian.net/jira/software/projects/T0P/boards/1/backlog?selectedIssue=T0P-3
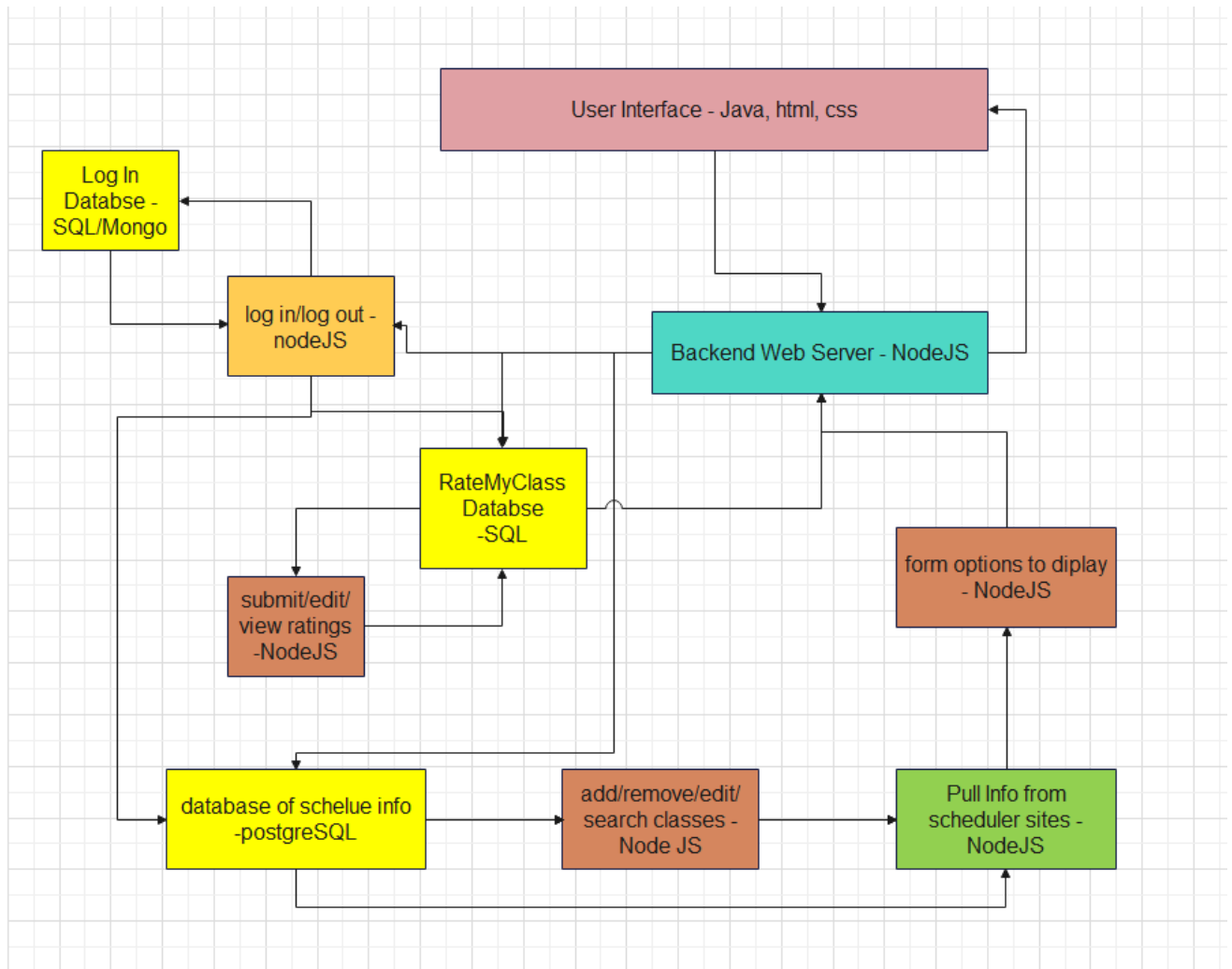
Communication Plan: We plan to communicate with each other primarily through Discord, allowing us to share files and update others on progress. Aside from our weekly team meetings, we can host Discord calls to discuss last minute changes or issues.

<u>Meeting Plan:</u> We plan to meet on Wednesdays and Sundays at 6-7pm via Zoom, and meet hybrid in-person/over Zoom with our TA on Thursdays at 7:00pm.

If you follow this link you can just set your name and fill in a schedule to meet if yall want, might make it easy in case we have to switch around later in the semester.
https://www.when2meet.com/?14480305-KXS5o

<u>Proposed Architecture Plan:</u>

<u>Use Case Diagram:</u>

User

Class Scheduler
Browse classes
Search classes
Filter search
Add classes to cart
Remove from cart
Edit items in cart
View item from cart

Rate my class
Submit rating
View rating
Edit rating

Login System
Enter username
Enter password
Forgot password
Change password
Sign in
Sign out

Class schedule database

User info database

Rate my class database

Login verification