Milestone 1

1. **Team Section/Number**: Section 108-3

2. **Team Name:** Team Fyre

3. **Team Members:**

   - Chandler Garthwaite

   - Paramvir Singh Bhumra

   - Mohamed Eisa

   - Max Marfuggi

   - Luke Joyce

   - Harrison Ayan

4. **Application Name**: Study Buddy

5. **Application Description:** A platform that connects students together to study the same topics. Students will be able to post their study location, time and subject for others to see and join. Users will be able to search through the app and find a relevant study group at the most convenient location possible. This application lets students connect with others in various studies in order to help one another achieve better grades.

6. **Vision Statement:** Provide students with a tool to find other students that are studying the same material, in an effort to make studying a more efficient process of collaboration.

7. **Version Control:**

    a. Everyone's GitHub Username: ChandlerGarthwaite, momobutmo, harrisonAyan, luke-joyce, paramvirSinghBhumra, maxmarfuggi

    b. Meeting Logs Repo:

    c. https://github.com/ChandlerGarthwaite/CSCI_3308_Final_Project_Meetings.git

    d. Milestone's Repo:

    https://github.com/ChandlerGarthwaite/CSCI_3308_Final_Project_Milestones.git

    e. Project Components Repo:

    https://github.com/ChandlerGarthwaite/CSCI_3308_Final_Project_Code.git

8. **Development Method:**

    Our team will follow the development methodology that is iterative because we will try and add more functions as we see fit. If we finish the basics of our program and we want to add more operations that we come up with that make our program better, then we will add them and plan again accordingly.

9. **Communication Plan:**

    We have a phone group message currently set up to allow us to discuss when we are meeting in person as well as easy questions to answer over text. We also plan on using another form of communication so we can voice chat while working on the code in different locations.

We mostly plan on meeting in person because it is easier to communicate and show what problems we are having with code.

10. **Proposed Architecture Plan:**

For the front end we will be using HTML javascript and css to create the website and make it look nice and do some small operations. All the looping between each node of our data will be done by either C++ or java to do all the complicated functions. These two will interact by trading data back and forth for the task to be done for each operation. For the storage of user information, usernames, passwords, current classes, and study locations, we will use SQL as a database for our app. This will give us an easy way to store all of the data the users need for the app to work in an efficient and organized manner.

11. **Meeting Plan:** Thursdays after recitation and weekends, face-to-face, in CSEL

The project proposal is the first document required from the team. All the information listed below must be included and tools should be in place by the due date.

Team Number	Your recitation section number plus a one-digit identifier. Assigned by your TA. This team number MUST appear on ALL milestones/deliverables/submissions posted by your team to your git repo.
Team Name	Can be used in addition to your Team Number for all deliverables and presentations.
Team Members	List of team members, first & last name.
Application Name	To be used in all presentations.
Application Description	A short (2-3 paragraphs) overview description of the application. Provide enough information to explain what functionality and value your product will provide to users of your application.
Vision Statement	A simple, one or two sentence statement describing the clear and inspirational desired state resulting from your team's efforts to create your application. Use the format/template provided in lecture.
Version Control	Identify the three repositories your team has created in git. (One for team meeting logs; one for Milestone submissions, and one for all project code/components.) Verify that you have shared access to the repository with your TA and all your project team members (screen shot.)
Development Method	Describe the software development methodology will your team follow. Describe the methodology and the features/steps you will follow. Common methodologies include waterfall, agile/scrum, iterative. You may choose to follow your own hybrid version of these methodologies as best suits your team.
Communication Plan	Describe in a paragraph or two how your team plans to communicate with each other during the course of the project. You may identify a collaboration tool for team members to utilize for coordination of their work and communication among team members. Such tools are Slack, HipChat, Google Groups, etc.
Proposed Architecture Plan	Propose an architecture for your app. What technologies will you be using on the backend? What technologies on the front end? How will they communicate with each other? Which technologies will be responsible for which functionalities?
Meeting Plan	Identify and describe your team's agreed-upon meeting schedule and mode. Identify the day(s) and time(s), mode, and location your team has agreed upon for regular meetings. "Mode" refers to how you are meeting (face-to-face), group video chat (like Skype), etc.

Submission format: This project milestone 1 submission should be a PDF document named ProjectMilestone1_<TeamNumber> and pushed to the MILESTONES repository in git.