

EE422C Project 7 (ChatRoom) Team Plan

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Brent wrote the Client side files. In ClientMain.java Brent wrote code to create a Timeline to handle events and to work with the GUI that he designed with JAVAFX. Dhruv worked on the server side designing the framework to enable the clients to create conversations for individual and group chat using socket programming. After working individually by pushing to github(<https://github.com/atchisonbrent/Project-7-Chat-Room.git>) and exchanging messages on canvas we sat together to work on client and server communication. Brent wrote functions to help keep track of friends and to prompt the server for information along with group chat requests and ID numbers. Dhruv used the the Observer Design Pattern to implement group chats to ensure that people in the same chat were always up to date. Brent created additional handlers and listeners to implement more features while Dhruv created the file structure that enabled friend lists and chats to be saved even if the server went offline. We revised our layout to incorporate feedback from Piazza. Brent created the JAR files which were run on different machines running different OS' (Linux and Windows) to ensure compatibility of code.