

Collaboration Document

Group:

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We worked on this project part 1 together. No work was done individually without the other being present. We used Zoom and shared screens to collaborate. We alternatively worked, so we basically followed the driver and navigator programming analogy.

Project 3 - Part 1

16th March 2021

Created the wireframe for both the client and server GUI. Used the awapp to create the wireframe. Got started with the UML class diagram. We used Visual Paradigm to create UML class diagrams. One of us would fill out the diagram while we both brainstormed the design.

17th March 2021

Finished the Class Diagram for the Server. We took turns filling out the class diagram with classes, their attributes and methods. For this we again used Visual Paradigm.

Project 3 - Part 2

20th March 2021

Driver: Kartik Maheshwari

Navigator: Angel Cardenas

- Created a github folder. Read over the project description.
- Created two project folders one for client and other for server.
- Discussed and coded all the aspects we need to keep an account of in our serializable class.
- Started coding the game logic on the server.

Time spent: ~3hrs.

24th March 2021

Driver: Angel Cardenas

Navigator: Kartik Maheshwari

- Started coding hangman server. Coded all of ClientThread and the serverThread.
- Basic Server GUI was created to make sure our client could connect to the server and communicate with.
- More attributes were added to the serializableWord. Plus did some testing.
- Decided to pass in a whole serializableWord object when communicating other than sending strings like the sample code.

Time spent: ~6hrs.

25th March 2021

Driver: Kartik Maheshwari

Navigator: Angel Cardenas

- Finished the hangman server.
- Started the ClientGUI.
- Finished the ServerGUI.
- Made minor changes to the client code.

Time spent: ~9hrs.

26th March 2021

Driver: Angel Cardenas

Navigator: Kartik Maheshwari

- Made final changes to the ClientGUI.
- Added some callbacks.
- Fixed some minor game logic.
- Testing both server and client.
- Finished the collaboration document.
- Turned in the project.

Time spent: ~4hrs.