

Collaboration Document

Group:

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We worked on this project 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 Timeline

April 13th 2021

Driver: Angel Cardenas

Navigator: Kartik Maheshwari

- Created a shared project on Github to collaborate and share code.
- Went over the project description and shared ideas.
- Drew out program potential UI on whiteboard.

April 17th 2021

Driver: Angel Cardenas

Navigator: Kartik Maheshwari

- Worked on the skeleton GUI of the project.
- Created the gridpane and logic for win
- Started working on the swap of two buttons.

April 19th 2021

Driver: Kartik Maheshwari

Navigator: Angel Cardenas

- Figured out the swap of two buttons.
- Started working on the threading and Executors.
- Made some changes to the GUI.

April 25th 2021

Driver: Angel Cardenas

Navigator: Kartik Maheshwari

- Figured out the threading and Executors.
- Worked on the GUI, especially the animation of AI.

April 26th 2021

- Went to the TA (Trevor) office hours to figure out animation of AI using atomic integers.

Driver: Kartik Maheshwari

Navigator: Angel Cardenas

- Changes to the GUI, enabling and disabling aspects of the game screen.
- Looked for backgrounds.

April 27th 2021

Driver: Angel Cardenas

Navigator: Kartik Maheshwari

- Final changes to GUI.
- Made comments to code.
- Added test cases to AI part of the project.
- Finished the Collaboration document.
- Turned in the project.