

## **Project Development**

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- What new concepts did you learn, as a team?
  - We learned how to work as a team to develop a game in Matlab GUI.
  - We also learned how a game can be designed by using GUI. We learned how global variables work in matlab, which helped us a lot.
- What were the greatest challenges?

One of the challenges we faced was to come up with a way that can make our code move to the next question as the player answered the questions correctly. Also another problem was the use of lifelines. We did not know how to disable the lifeline once it is used by the player for the rest of the game. Moreover, initially, our game did not stop and show the amount earned in cases where the player get chose the wrong answer.

As a team, we learned how callback functions work while using a GUI. Our main challenge was when we needed to figure out how to use a global function to change the iteration and move to the next question. If we had more time, we would have liked to add a voiceover that read out the questions and answer choices out loud to the player. We also would have tried to add audience background reactions to make the game more realistic like the show.