Kathleen Levi

Dr. Tucker

CS-172

16 June 2016

Project Proposal

Summarize the Problem:

For my final project I would like to create the game of Uno on the computer because who doesn’t like a fun game to take a break from the stress of every day life. I plan on creating a simple game of Uno on the computer. One player will play against the computer (for now) for the chance to be ultimate Uno champion! (If I end up creating the game easier than I expected I will try to make the game multi-player instead of one person against the computer). The game will keep track of each player until they exit the game. But it will keep track of the top 10 scores of all time and output those to the screen at the end of each game; maybe also with how close the current player is to beating the top scores.

Anticipated Challenges:

I think it will be difficult to create these text files and have it keep track of everything and output it correctly. I also think it will be difficult to make the game multiplayer, which, if I have time I would like to attempt, however, mess-ups as well as other issues unknown yet to me could cause some pretty junky problems and lead to me pulling my hair out. I also think it will be difficult to create the deck of cards, since Uno is not a 52 deck card game the cards are different in that there are still 4 colors like there are 4 suits, but there are a different amount of numbers and who knows how many cards in a deck, so that could potentially cause some problems, along with the wild cards and having those implement into the game as well. I think my biggest problems are going to be the wild cards and making the game at least a little difficult.

Comment:

I don’t know if this would be okay for a final project because one of the questions was “summarize the problem”, and I wasn’t sure if we were allowed to do something fun like this or if it had to be a program that would fix a known problem. If it is I can create a different project proposal, or if Uno is a bad idea I could do something like War or Rummy. Let me know!