Devon

Jerimiah

Newton

Final Pi Assignment Idea

Our final pi concept is to create the game of connect four. Our plan for the breadboard is to have it be the place where players interact to have the pieces drop into the grid. When a player presses the button, it should drop a piece into the corresponding column. Each button would correspond to the columns in the grid. On the breadboard, we would also have two LEDs (hopefully RGB) that will turn on depending on which player’s turn it is. Our plan for the pi itself is to be the place where the game is displayed. In the GUI for the game, we plan to not only have the game, but we also plan to create a start menu, a settings menu where you should be able to change your game piece color (depending on if we can figure out the RGB LEDs) and a victory screen for whichever player wins. All of the GUI should be able to be navigated through by the use of the pi’s touchscreen.