ELEC 291 – Project 2 App Design

1. Front Cover
   1. Title
   2. Play Button
2. Choose Player Option
   1. Multi-player or Single-player
3. POP-UP: Choose Chip Color
   1. Multi-player
      * IDEAL IMPLEMENTATION
        + Choose player 1 chip color
        + Press color – Check mark appears on top of color
        + Player can choose a different color
        + Then press Next
        + Player 2 chooses chip color. Player 2 chip color goes grey and says “Player 1” on top
        + Press color
        + Then press Continue
      * CURRENT IMPLEMENTATION
        + Choose player 1 chip color
        + “Player 1” appears above that chosen chip color
        + Then player two chooses the chip color
        + Goes to next screen
   2. Single-Player
      * Same process as above except choose CPU chip color
4. Connect to LED Display
   1. Press the CONNECT button
   2. Wait until app is wirelessly connected to the display
   3. Maybe have the circular loading symbol?
5. Maybe Show Game Instructions?
6. If not, then go directly into the game
   1. Player 1 goes, then Player 2 goes and so on
   2. Verify that a move is valid
   3. Someone Wins
      * blink the row/column/diagonal that has the 4 in a row
      * ask for new game?
      * Maybe keep track of points
      * Give a quit option that goes back to the front page
   4. Tie
      * If keeping track of points, no one gets a point
      * ask for a new game?
      * Give a quit option that goes back to the front page