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Midterm Project Proposal

Due: 3/27/19

**App Name:** Tic-Tac-Toe to Go

**Description**: A tic-tac-toe app for children who want to play on their phone and play with their friends.

**Target Users:** The target user group will likely be children ages 4 to 12.

**Features**

* Leader board
* Customization of each player
* Custom board background

**Plan**:

1. Design the views and connect variables from code to storyboard
   * Choose board background
   * Player customization
     + Insert Name
     + Choose symbol
   * Default game board
   * Leader board
2. Display color picker, and allow user to choose background
   * Save the background in a global variable, and set the background of each proceeding scene.
   * If user skips the selection a default background color is chosen
3. Two text fields for player 1 and 2 to enter their names, and to choose their symbol
   * If players do not change names, default names will be selected
   * Save the icons chosen to be used as the button style as the respective player clicks the board
4. Game board
   * An array of arrays of buttons
   * Click a button change the style depending on whose turn
   * If winner is seen then app quits and the name of the winning player is added to the leader board
5. Leader board
   * Leader board is displayed with buttons resulting in options to play with new people or play again with the same people