Before you start coding away, you must meet with an instructor to get your ideas approved. We will have 5 minute pitches in which you'll present your ideas. You must have your ideas prepared and written up in a ReadMe file to get approved, including the content listed below.

Your ReadMe must contain:

Wireframes: Mockups of your app on desktop, tablet, and mobile (great resources courtesy of Mr. Magbee: https://wireframe.cc/ ::: https://www.mockflow.com/).

For putting wireframes in your ReadMe, we recommend uploading to Imgur, then linking the file directly into your markdown using the !(imageAlt)[imageURL] format. The imageURL must be a direct link ending with the file format, such as .png.

[Simon](https://en.wikipedia.org/wiki/Simon_) is a test of memory. Have your program choose a sequence of different colors at random and then prompt your player repeat the sequence allowing them to go to advance to next round if the player is successful.

*Bonus:*

* Add timer-based scoring
* Track scores across games (even if the page is reloaded)

# Title:

**Simon**: Will you follow me?

# Description:

*Simon: Will you follow me?* is a spin off of the classic game Simon. There will be a game board composed of four, uniquely colored squares. The squares will flash in a sequence, with an additional color added each turn. The sequence will be random and unique to each game. The player will repeat the sequence after each presentation, continuing until they make a mistake. The players score and high score will be displayed and an instruction guide will be offered.

# WireFrame:

A screenshot of a cell phone

Description automatically generated

A screenshot of a cell phone

Description automatically generated

# Requirements:

## MVP:

### Functions:

* Random, repeated sequence of colors flashing
* Add on one color to sequence after each successful playback
* Count Successful playbacks

### Features:

* Four color squares
* Instructions tab
* Score Tab
* Title

## Post-MVP:

### Functions:

* Hard mode
  + Increase speed of presentation
* Progressive Mode
  + For every 10 successful completions presentation speed increases
* Simon Says Mode
  + Turn it in to simon says
* Extreme
  + More than four colors
  + Colors change location after [3-7] successful playbacks but color order stays the same
* Accessible
  + Display (“Read”) sequence of numbers or letters
  + Same as colors only have set of four to choose from

### Features:

* Save score across reload
* Leader board
* Achievements
* Custom Shape and Color pallets
  + Select two or three shape options
  + Offer two or three color modes