Specs Sheet:

**Flappy Spongebob**

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**Program Overview:**

The program will emulate flappy Spongebob. The score will increase by 10 every second that Spongebob is still alive. The goal of this game is to achieve a higher score than the previous tries.

**Description of User Input:**

If the user chooses single - player game, the user will use the spacebar to move the Spongebob up. Every time the spacebar is hit the Spongebob moves up, and if the spacebar is not hit the Spongebob will start falling to the ground. If the uses chooses two- player, one of the players will control a Spongebob using the spacebar key and the other player will control the Patrick with the key W.

**Description of Program Output:**

The program will provide a choice between a single - player or a two - player. When the Spongebob touches the jellyfish, the Spongebob will fall to the ground and the program will stop recording the score. The program will show the highest score by the user and the score from the last game.

**Release Schedule**

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| 1.0 | The background - blue (under water for Spongebob) |
| 2.0 | Creation of Spongebob - Rectangle shape |
| 2.1 | Spongebob moves up when spacebar pressed |
| 2.2 | Spongebob dropping to the ground when the spacebar not pressed |
| 2.3 | Adjusted speed of drop |
| 3.0 | Addition of the jellyfish tubes (rectangle boxes with the jellyfish image) |
| 3.1 | Stopping the game when Spongebob touches the jellyfish |
| 4.0 | Addition of score bar with current score |
| 4.1 | Making the score increase by 10 per second |
| 4.2 | Saving the previous game score |
| 4.3 | Saving the score by comparing scores between the score from the previous game and the highest score |
| 5.0 | Addition of choice between single - player or two - player |
| 5.1 | Creation of Patrick - Rectangle shape |
| 5.2 | Patrick moves up when the key W is pressed |
| 5.3 | Patrick dropping to the ground when the spacebar not pressed |
| 5.4 | Adjusted speed of drop |
| 6.0 | Stopping the game when Patrick touches the jellyfish |
| 7.0 | Addition of score bar with current score for Patrick |
| 7.1 | Saving Patrick’s previous game score and Spongebob’s score |
| 7.2 | Print out the winner of the game |