

Final Sprint Release Document

Final GUI Alterations

In this sprint, some final changes to the GUI displays were made to ensure the user experience remains satisfactory regardless of the user's preferred computer platform (Windows, Mac, etc.). The main changes made can be summarized as follows:

- The text of the Chip Total label in the main menu was reduced to remain readable on Windows platforms.
- Similar updates were applied to various fields within the Poker mode, including the chip counts for each opponent and the "Player Hand" label.
- Some text on the "Opponent Count" box in the Sabacc mode was changed white. On Mac, the box appears smaller, so the text that would normally sit on top of the box disappeared into the black background. With this update, the text will still be readable.

Please note that some of these final alterations were made after certain segments of the demonstration video were filmed, so the demonstration video may show a slightly different GUI. However, **all changes made were to the GUI displays, and nothing about the core functionality of the game was altered after the demonstration segments were filmed.**

Final Verification and Validation

Verification and validation measures were a success, with all requirements being satisfied. The final story point amounts are shown below:

Story Points Originally Promised: 356

Story Points Delivered (Including Bonus Requirements): 364

Final Project Demonstration

The demonstration video presents each game in the order it was first implemented. The video can be found using the following link:

<https://www.youtube.com/watch?v=zhrPvgXEJk8>

Running StakeFree Digital Casino

This project utilizes the PyQt6 libraries to implement GUIs and **is required for execution**. To install all required libraries, enter the following terminal command:

```
pip install pyqt6-tools
```

To download the code, simply clone the repository locally using the following terminal command:

```
git clone https://github.com/j776w781/EECS-581-Project-3.git
```

All source code and assets are stored in the “src” directory, with extensive documentation kept in the “docs” directory. To execute the program, run the following command:

```
python3 src/main.py
```