

## **CS 362 In-Class Exercise: Project Beta Testing**

**Your name: Kathryn Butler**

**Project that you are testing:**

### **PART-1: Organization and Purpose**

Q1) Does the repository provide a README explaining the purpose of the software? If yes, based on reading that documentation, do you understand all the interesting features provided by the software? Do you have any advice to improve that documentation?

The repository provides an insightful README file which explains the purpose of the software. Its purpose is clearly stated in the introduction sentence: "Ribbit Royale is an exciting and whimsical LAN party game designed to bring players together through fun, competitive, and engaging multiplayer minigames."

However, when attempting to play the games which were implemented, we were confused on how to maneuver the frogs to play a game. This could have been solved if the README included a link to a UserDocumentation.md file. Overall, this was a very entertaining game that I would love to play more of.

## **PART-2: Installation and Setup**

Q2) Is the documentation to install or setup the software available? (Note that for a web application, it would be a URL to access the website and instructions to host the website on a server). When following the instructions, do you face any difficulties while installing the software (accessing the URL for a website)? If yes, please explicitly state what issues you encountered, so that the project team can fix them.

**NOTE: If you are testing a web application, then you do not need to set up a web server and try hosting the web application. Just go through the documentation to find out if it clearly explains the steps to host the website.**

The documentation is available to install and setup the software, but it's a little unclear what to download. The instructions state "The current released version of the game can be found in the Release\_Builds folder of the repository. Locate the build for your computer architecture. Downloading and running the build will allow you to play Ribbit Royale." I attempted to just download the .exe file, which didn't work. Then I attempted to download the Windows folder, but I don't think GitHub allows us to download entire folders. Then I just used git clone to copy the entire directory onto my machine, and it worked as intended.

I think that an average user would not be able to figure out how to download and run the program with the current documentation. I would appreciate a little more instruction on how to download the file. For instance, "If you use a Windows machine, download the entire Windows folder."

### **PART-3: Functional and Non-Functional Testing**

Q3) Select a use case for the application-under-test and use your creativity to test the application in different possible ways. For example, if you are testing a login functionality, then test the sign up feature, sign in, adding invalid credentials, special characters, etc. Please provide the details of the use case you tested on the software by describing exactly what all you did and in what order? Make sure you are making notes while doing this. If you find any issues (e.g., something that was confusing, incorrect, or not working at all), please provide as many details as you can to replicate the issues so that the team can fix them.

My teammate and I tested the create game functionality. When joining the game via code, it takes much longer for them to join, versus through joining through name. I think it would be more efficient if, while the user was waiting, there was some sort of feedback that the process recognized that the user attempted to join, and is searching for the lobby.

There's also no feedback if the user inputted a lobby name or code that doesn't exist. This can be fixed in a similar manner to the previous section.

There is a bug, although known, that the color of the frogs match the user color, and not their individual colors. It's also kind of weird that once you click on all the colors and back to green, you are no longer able to click on more colors for the frog.