**Deployment Plan**

**Steps For Deployment**

*This information is made with the assumption that the client is using a Firebase to host there site.*

1. Install Git [<https://git-scm.com/downloads>]
2. Install Visual Studio Code [<https://code.visualstudio.com/>]
3. Install Node JS [<https://nodejs.org/en/>]
4. The three applications above can be installed with a simple google search of the name.
5. Create a new project in the Firebase console.
6. Run ‘npm install firebase-tools -g’ in your command line to install firebase globally.
7. In VS Code (Visual Studio Code) run the command ‘firebase login’
8. In VS Code (Visual Studio Code) run the command ‘firebase init hosting’
9. Then in command line run the command ‘cd’ to the directory you want to store the web files.
10. Run the command ‘Git clone [https://github.com/strickolas/swe\_group4.git’](https://github.com/strickolas/swe_group4.git') This will clone the repo.
11. Then cd /swe\_group4/webstie/public
12. Then Firebase deploy
13. This will deploy the website.

**Additional Information**

Since our product is not an application, but instead is a website we will not require the clientele to install anything on their computer. This will make deployment much simpler. What will be required of the clients is for them to create an account on the website in order to gain access to all of the features that they have requested.

To differ between the prototype of our website and the full deployable, we will push a polished version of the website to the clients server for deployment after all testing and debugging has been completed. This version will be the live version that our clients have access to.

We are under the assumption that the client does not have a predesigned training plan that they would like to execute upon deployment. In this case we will provided a simple training plan that lets the client learn about the various features of the website such as: buying tickets, using permissions, playing the game, and leaving a reviews.

In terms of future proofing the website and managing various versions we will utilize GitHub unless the client has a preferred VC (Version Controller) to use. This will allow us to take precautions if any updates potentially break the website and keep track of what has changed through each update. Using this VC will also allow us to have great flexibility whenever the client desires a change to their existing product, since we have designed the site with a loose coupling schematic this should be no issue.

In terms of where the product will be deployed and hosted we will deploy and host the website on the clients server. Our team will utilize their servers to first deploy a test site and make sure that all modules of the website are functioning properly with no bugs. Once a fluid version of the site is working on their servers, we will deploy a production ready version of the site on their servers for consumer use. We will provide the necessary assistance to ensure a fluid transition and deployment of the website.