

## **CHAPTER 3**

# **SYSTEM REQUIREMENT SPECIFICATION**

### **3.1 USER REQUIREMENTS**

The Fortress of gamers is a single source website that provides users with all required information so that they will be able to enjoy the game better. The website provides features like searching the game, updating the game record and if required deleting it. The website is designed with the sole purpose of making gamers feel hyped and comfortable about the user interaction.

### **3.2 SOFTWARE REQUIREMENTS**

The software for the development and deployment of the project includes-

1. Python
2. Pip
3. VS Code
4. Flask
5. Git

### **3.3 HARDWARE REQUIREMENTS**

The hardware for the development of the projects include-

1. RAM > 4GB
2. Processor : Intel® Core™ i5-6500 CPU @ 3.20GHz or greater
3. System type: 64-bit operating system, x64-based processor

### **3.4 FUNCTIONAL REQUIREMENTS**

- Any new record inserted should be inserted into the original file.
- The owner should be able to insert new records with all the required details without any consequences.
- The application should not allow insertion of records with duplicate value.
- User should be able to add, delete, view, search and modify the contents of the original file by using the key.

### **3.5 NON-FUNCTIONAL REQUIREMENTS**

- The application should display appropriate messages to the user if something goes wrong like inserted duplicate records
- The application should not crash.
- The user should be able to understand the facilities the application is providing to the user.
- The application should be user friendly