**[ GGC Hacks Website ]**

**Software Requirements Specification**

**Draft 1**

**August 27, 2024**

**[ ITEC 3870 - Sec 02 ]**

**Contents**

**1 Introduction**

1.1 Purpose

1.2 Scope

1.3 References

1.4 Overview

**2 Requirements**

2.1 Functional Requirements

2.2 Non-Functional Requirements

2.3 Domain Specific Requirements

# **1 - Introduction**

## **1.1 Purpose**

The purpose of this document is to outline and explain all aspects of the Grizzly Hacks Website

## **1.2 Scope**

## This software program, “Bounty Hunter”, is a text based, adventure style game that uses Java to give users written scenarios and receives different text commands to navigate through the game and its objectives.

## **1.3 References**

Kris and Ezriela of the GGC Hacks Website

## **1.4 Overview**

The remainder of this document will cover brief descriptions of different aspects and goals of the GGC Hacks Website

# **2 - Requirements**

## **2.1 Functional Requirements**

**2.1.1 Functional Requirement 1: Account Management System**

**2.1.2 Functional Requirement 2:**

**2.1.3 Functional Requirement 3:**

**2.1.4 Functional Requirement 4:**

**2.1.5 Functional Requirement 5:**

## **2.2 Non-Functional Requirements**

**2.2.1 Non-Functional Requirement 1: Performance**

The website should load and respond to user commands within 1 second to ensure smooth interaction. The system must handle multiple user sessions and database interactions without a delay.

**2.2.2 Non-Functional Requirement 2: Reliability**

The website must handle errors gracefully and provide clear feedback to users in case of issues.

**2.2.3 Non-Functional Requirement 3: Availability**

The website will be available to anyone with internet access. It should be available 24/7 and maintain regular maintenance to ensure high availability.

**2.2.4 Non-Functional Requirement 4: Security**

User data must be protected with encryption . The system will implement access controls and logging to prevent unauthorized access and misuse of data.

**2.2.5 Non-Functional Requirement 5: Maintainability**

The software will have code that follows the coding standards. This will make it possible to have easy maintenance and updates.

## 

## **2.3 Domain Specific Requirements**

**2.3.1 Domain Specific Requirement 1:**

**2.3.2 Domain Specific Requirement 2:**

**2.3.3 Domain Specific Requirement 3:**

**2.3.4 Domain Specific Requirement 4:**

**2.3.5 Domain Specific Requirement 5:**

## 

## **3.7 Other Requirements**