A close-up of a logo

Description automatically generated

**School of Computing and Digital Technologies**

**Introduction to Software Engineering**

**(55-508876-AF-20245)**

**Testing Report**

**Project:** (Business) Inventory Management System

**Group #: 14**

**Group Members:**

|  |  |
| --- | --- |
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**Date:**

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# Introduction

*Briefly Describe the report's purpose.*

# Test strategy

Provide a clear overview of your application's testing approach, detailing the methods and tools utilized. Specify which tests were conducted manually and which were automated, highlighting the rationale behind these choices**.**

## Objectives

Write a list of testing objectives for this project, such as:

* Ensure compliance with accessibility standards for users with disabilities.

## Scope

Define the scope of your testing, this can include:

Features to Be Tested, Testing Types, which web browsers are used for manual testing, and constraints such as time.

# Unit Testing

Indicate if you have done unit testing. Which testing Framework have you used.

Include a link to Unit testing code on get hub.

# Test Cases

Write test cases based on your user stories acceptance criteria (update the user stories accordingly).   
Use the following template.

|  |  |
| --- | --- |
| Test Case ID | TC001 |
| Test Description | Verify that a user can successfully sign up using valid inputs |
| Pre-Conditions | The sign-up form is accessible and properly displayed |
| Steps to Execute | 1. Navigate to the sign-up form page. 2. Enter a valid first name (e.g., "John"). 3. Enter a valid last name (e.g., "Doe"). 4. Enter a valid email address (e.g., "johndoe@example.com"). 5. Enter a valid password (e.g., "Password123!"). 6. Confirm the password (e.g., "Password123!"). 7. Click on the "Sign Up" button. |
| Expected Result | * The user should be successfully registered. * A confirmation message indicating successful sign-up is displayed. * The entered data is saved correctly in the database. |
| Status (Pass/Fail) | Pass |

# Non-Functional Requirements testing

Include a sub-section with evidence for each tested non-functional requirement. E.g. Security, Performance, Usability etc. Evidence can include screenshots or links to other files like generated OWASP ZAP report for testing security.

# Appendix 1: Defect report

Include a link to your defect report (you may add this to the project GitHub repository).

Use this template:  
<https://docs.google.com/spreadsheets/d/1ovkIcOcHpchVwkhitYrH7GmAdiqHCUR2LOFM-VzkFyE/edit?gid=0#gid=0>