Test Plan – DEPI Graduation Project

1. Project Overview

This test plan outlines the testing activities performed by our team of 6 members as part of the DEPI program in the Software Testing track. The goal was to perform manual and automated testing on the demo version of the PrestaShop e-commerce website. The focus was on validating key functionalities across core user scenarios.

2. Objectives

- Validate the correctness and stability of the PrestaShop demo website.
- Identify functional bugs and report them.
- Apply manual and automation testing methodologies.
- Provide structured test documentation including test cases, execution results, and bug reports.

3. Scope

The testing scope covered 12 key scenarios including:
1. Home Page
2. Search Functionality
3. Category Page
4. Product Details Page
5. Cart Page
6. Login Page
7. Register Page
8. Checkout Page
9. My Account Page
10. Static Pages (About Us, Contact Us, etc.)
11. Language and Currency Switch
12. End-to-End Purchase Flow

4. Methodology

The testing methodology followed a two-phase approach:

1. Manual Testing:
- Test cases were written for each scenario.
- Each test case included Test Case ID, Description, Dependency, Test Data, Steps, and Expected Results.
- Execution was done on the live demo site, and bugs were reported and tracked.

2. Automation Testing:

- Selenium WebDriver was used for automating selected high-priority scenarios.

- Scripts were written and executed to validate critical user flows.

- Results were documented and analyzed.

5. Bug Reporting

All identified bugs were documented in a structured Bug Report format. Each report included:

- Bug ID
- Description
- Steps to Reproduce
- Actual vs Expected Results
- Severity and Priority
- Status and Screenshots where applicable

6. Team Members

The project was completed by a dedicated team of 6 members, collaboratively executing test scenarios, documenting results, and performing automated testing.