Project Description – DEPI Graduation Project

1. Introduction

This document provides a brief overview of our graduation project conducted under the Digital Egypt Pioneers (DEPI) program in the Software Testing track. The project involved performing a full testing cycle on the demo version of the PrestaShop e-commerce platform.

2. Objective

The main objective of the project was to validate the core functionalities of the PrestaShop demo website through both manual and automation testing techniques. The project aimed to simulate real-world testing scenarios and report any discovered issues using structured testing documentation.

3. Project Scope

The scope included testing the following key areas of the website:
- Home Page
- Search Functionality
- Category Page
- Product Page
- Cart Page
- Login and Registration
- Checkout Process
- My Account Section
- Static Pages (About, Terms, Contact)
- Language and Currency Switch
- End-to-End Purchase Flow

4. Tools and Techniques

Manual testing was conducted based on predefined test cases. Automation testing was implemented using Selenium. Bug tracking was done manually in shared documents included detailed descriptions for each issue.

5. Team Collaboration

The project was carried out by a team of 6 members who collaborated on test planning, execution, documentation, and reporting. Each member was responsible for specific scenarios and worked collectively to complete the testing cycle.

6. Deliverables

- Detailed Test Plan

- Test Scenario Document
- Executed Test Cases
- Bug Reports