

Project Description: EYouth Website Testing

Project Name: EYouth Website Testing.

Organization: DEPI Project.

Team Role: Software Testing Team.

Project Overview:

The EYouth X DEPI project aims to develop a robust, automated testing framework for a web-based e-learning platform. The platform includes core functionalities such as user registration, login, course browsing, enrollment, payment processing, content access, and reviews. This project focuses on testing these functionalities to ensure seamless performance, security, and user experience.

Our Team's Role:

Our team was tasked with validating the website's functionality, performance, and usability to ensure a seamless user experience. We identified and documented bugs, verified key features, and ensured the platform met high-quality standards.

Key Activities and Responsibilities:

- Defined testing objectives and designed test cases for essential features such as:
 - User registration and login.
 - Password reset.
 - Course browsing and enrollment.
 - Payment processing.
 - Content access and reviews.
- Executed manual testing to simulate real-world user behavior.
- Automated key test scenarios using Selenium WebDriver with Java.
- Documented progress and test results using Google Sheets and TestLink.

Tools & Technologies Used:

- Implementation: Google Sheets
- Automation Testing: Selenium WebDriver (Java)
- Bug Tracking & Reporting: TestNG
- Chrome Developer Tools.

Project Outcomes:

- Detected and resolved critical usability issues, significantly enhancing user experience.
- Improved the website's stability and performance through rigorous testing.
- Contributed to the successful launch of a user-friendly platform.
- Strengthened our teamwork, communication, and testing expertise.

Team Collaboration:

The project was completed in a highly collaborative environment, with six team members sharing responsibilities. Regular meetings ensured alignment on priorities, progress tracking, and efficient problem-solving.