

Sprint 1 – Planning (DEPI Graduation Project)

Team Information

Team Name	Cart Inspectors
Project Name	<u>OpenCart Demo</u> – Online Shopping Platform
Team Leader	Nagham Ahmed Mahmoud Saed
Team Members	Ahmed Gamal Hassan Ali Ghoneim Kareem Fareed Abd-Elrahman Fahmy Jana Mohamed El-Fateh Mohamed Alaa Ahmed Tolba Ashmawy

1. Objective

Establish the foundation and testing scope for the **OpenCart Demo – Online Shopping Platform** project.

2. Project Scope

In Scope:

- Functional testing of key user flows (**Login, Registration, Product Browsing, Cart, Checkout**).
- Admin panel testing for product management and order tracking.
- API testing of endpoints related to user, product, and order operations.
- Database validation of user and order records.

Out of Scope:

- Third-party payment integrations (PayPal, Stripe).
- Load and performance testing.
- Non-production environment testing.

3. Test Objectives

- Verify that all primary user and admin functionalities operate as expected.
- Ensure the system's stability across multiple browsers and platforms.
- Validate end-to-end workflows including registration, product selection, and checkout.
- Confirm data consistency between the UI and database.
- Identify and log all functional and UI-related defects for remediation.

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4. Test Schedule (Timelines per Sprint)

Sprint	Duration	Focus Area
Sprint 1	1 week	Planning and test strategy setup
Sprint 2	2 weeks	Manual functional testing (user, product, cart)
Sprint 3	2 weeks	Automation and API testing
Sprint 4	1 week	Database validation and final reporting



5. Test Environment Setup

- **Test URL:** <https://demo.opencart.com/>
- **Browsers:** Chrome, Firefox, Edge
- **Tools:** Postman, Selenium / Cypress, Excel or Test Management Tool
- **Test Data:** User accounts, sample products, and test orders prepared before execution.



6. Entry Criteria

Testing can begin only when:

- The test environment (OpenCart demo site) is accessible.
- Test data (user accounts, products) is prepared.
- Test plan and roadmap are approved by the supervisor.
- Tools for manual and automation testing (e.g., Postman, Selenium) are ready.

7. Exit Criteria

Testing is considered complete when:

- All planned test cases have been executed.
- All high- and medium-severity bugs are fixed and re-tested.
- Test summary report is completed and reviewed.
- Project deliverables meet acceptance criteria.