

# Test Plan For Pickaboo

**Test Plan ID:** [Pickaboo](#)-001

## **Introduction:**

This test plan explains how the Pickaboo web application will be tested, covering the goals, key areas, and steps to check its features, speed, and compatibility. Since it handles financial transactions, it's important to make sure it works safely, reliably, and provides a smooth experience for users.

- **Application Overview:**

Pickaboo is an e-commerce web application designed for online shopping. An e-commerce website is an online shopping application that allows users to search products, add items to the cart, and make secure payments. It helps developers and testers ensure smooth functionality, data security, and a safe shopping experience for users.

- **Purpose:**

The primary purpose of this test is to ensure the quality and reliability of the Pickaboo application by thoroughly evaluating its various components and features. The testing process aims to confirm that the application functions correctly, is easy to use, performs efficiently under different conditions, and follows security best practices to protect user data and financial transactions.

## **Test Item:**

List of the specific modules of the Pickaboo application that will be tested:

- User Management: Login, Signup, Forgot Password, My Account, Logout
- Product Management: Product details, Product Image, Product Pricing, Product review, Product quantity
- Search Functionality: Search fields and result tables
- Cart: Add Cart, Delete Cart, Price calculation, Check Out
- Contact Us: Contact form, Social Media links
- Global Components: Header, Footer
- Performance: Loading, Compatibility

**Reference:**

Documents and standards referred to during the test planning and execution phase:

- IEEE 829 Test Documentation Standard: For test case and documentation structure

**Feature to be Tested:**

This section lists the application features to be validated during testing:

- Core features like Login, Signup, and Logout.
- Product management and search functionalities
- UI Components, error handling, and security compliance.

**Feature Not to be Tested:****Test Approach:**

The test approach will follow a phased process starting with requirement analysis, test planning, and test case creation. Testing will be conducted in cycles, covering functional, security, performance, and compatibility aspects. Defects will be logged and tracked to closure. Regression testing will be performed after fixes, and no automation will be for this stage. Testing progress will be regularly monitored and reported to stakeholders.

**Entry Criteria:**

Conditions that must be met before testing can begin:

- Finalized requirements.
- Reviewed and approved test cases.
- Properly set up a test environment.

**Exit Criteria:**

Conditions to be fulfilled before the testing phase can be closed:

- All critical test cases executed.
- No high-severity defects remaining.
- Test summary report completed.

**Suspension Criteria:**

Situations when testing may need to be paused:

- Major blocker defects preventing further testing.
- Unavailability of test data or test environment issues.

### **Roles and Responsibility:**

Outlines the responsibilities of each team member:

- **Test Lead:** Responsible for planning, monitoring, and reporting the testing process.
- **QA Engineers:** Execute test cases and log defects.
- **Developers:** Fix reported defects.

### **Schedule:**

A timeline for each phase of testing:

- **Test Planning:** Week 1
- **Test Case Design:** Week 2
- **Test Execution:** Weeks 3-4
- **Defect Fixing & Regression Testing:** Week 5

### **Training:**

Training required for effective testing:

- **Domain Training:** Understanding the core functionalities of the Pickaboo application, including, user management, Cart and payment process to ensure accurate and efficient testing.
- **Process Training:** Guidelines on manual testing strategies.

### **Test Environment:**

Details the hardware and software required for testing:

- **Hardware:** Windows
- **Software:** Chrome, Firefox, Edge

### **Test Deliverable:**

Lists the documents and reports generated during testing:

- Test Plan Document
- Mind Map
- Test Scenarios
- Test Cases and Test Data

- Test Summary Report
- Bug Report

**Approvals:**

Specifies who has the authority to approve the test plan and test results:

- **QA Lead, PM, Development Team.**

**Glossary:**

Defines key terms used in the document for clarity:

- **QA:** Quality Assurance
- **PM:** Project Manager