## **Test Plan Template**

### **1. Project Details**

| **Field** | **Description** |
| --- | --- |
| **Project Name:** |  |
| **Module(s):** |  |
| **Version / Build:** |  |
| **Prepared By:** |  |
| **Prepared Date:** |  |
| **Reviewed By:** |  |
| **Approved By:** |  |
| **Reference Document:** | (FRS / SRS / BRD) |

### **2. Introduction**

Briefly describe the project or application under test — its purpose, features, and business importance.

**Example:** The Flipkart web application allows users to browse, search, and purchase products online. This test plan defines the testing scope, objectives, resources, and approach to ensure quality and performance.

### **3. Objectives**

* Validate that all modules meet functional and non-functional requirements.
* Ensure system stability, usability, and security.
* Detect defects early to minimize production risks.

### **4. Scope of Testing**

**In Scope:**

* Functional testing of all major modules (Login, Registration, Cart, Wishlist, etc.)
* UI validation across browsers and devices
* Integration testing between modules

**Out of Scope:**

* Payment gateway backend validation
* Third-party services beyond integration layer

### **5. Test Strategy**

| **Test Type** | **Description** |
| --- | --- |
| **Functional Testing** | Validate business logic and requirements |
| **UI / UX Testing** | Verify design, layout, responsiveness |
| **Integration Testing** | Ensure proper interaction between components |
| **Regression Testing** | Confirm new changes don’t affect existing features |
| **Security Testing** | Check for unauthorized access and vulnerabilities |
| **Performance Testing** | Validate response time and scalability |

### **6. Test Environment**

| **Component** | **Details** |
| --- | --- |
| **Test Environment URL:** |  |
| **Server / Platform:** |  |
| **Browser / Device Matrix:** | Chrome, Firefox, Edge, Safari |
| **Database:** |  |
| **Tools Used:** | (Selenium, JIRA, TestLink, Postman, etc.) |

### **7. Test Deliverables**

* Test Plan Document
* Test Scenarios
* Test Cases
* Test Data
* Defect / Bug Reports
* Test Summary Report

**8. Roles and Responsibilities**

| **Role** | **Responsibility** |
| --- | --- |
| Test Manager | Approve plan, allocate resources |
| QA Lead | Define test strategy and review artifacts |
| QA Engineer | Execute test cases and log defects |
| Developer | Fix reported bugs |
| Product Manager | Approve release readiness |

### **9. Entry and Exit Criteria**

| **Criteria Type** | **Description** |
| --- | --- |
| **Entry Criteria** | Requirements finalized, test environment ready, test data available |
| **Exit Criteria** | All high-severity defects closed, 95% test cases passed, test summary report approved |

### **10. Risks and Mitigation**

| **Risk** | **Impact** | **Mitigation Plan** |
| --- | --- | --- |
| Delay in build delivery | Medium | Communicate with dev team, adjust schedule |
| Environment downtime | High | Maintain backup test environment |

### **11. Schedule**

| **Activity** | **Start Date** | **End Date** | **Owner** |
| --- | --- | --- | --- |
| Test Planning |  |  |  |
| Test Case Design |  |  |  |
| Test Execution |  |  |  |
| Defect Retesting |  |  |  |
| Test Closure |  |  |  |

### **12. Approval**

| **Name** | **Role** | **Signature / Date** |
| --- | --- | --- |
|  |  |  |
|  |  |  |