**Test Plan** for E-commerce Website

1. **Test Plan Identifier**

* Test Plan ID: ECOM-TP-001

2. **Introduction**

This test plan describes how we will test the e-commerce website. The goal is to ensure the website works well, is easy to use, and is safe for customers.

3. **Test Items**

* Homepage
* Product pages
* Search bar
* Shopping cart
* Checkout process
* User accounts (registration and login)
* Payment system
* Order history
* Email notifications
* Customer support

4. **Features To Be Tested**

* Navigating the website
* Searching for products
* Adding and removing items from the cart
* Completing a purchase
* Viewing order details
* Receiving confirmation emails

5. **Features Not to Be Tested**

* Internal database structure
* Third-party tools
* Payment through EMI

6. **Approach**

* **Manual Testing**: To check how the website looks and feels.
* **Automated Testing**: To test repetitive tasks like adding items to the cart.
* **Performance Testing**: To ensure the website is fast.
* **Security Testing**: To confirm that payments and data are secure.

7. **Pass/Fail Criteria**

* **Pass**: The feature works without any major issues.
* **Fail**: The feature does not work as expected or has serious problems.

8. **Suspension Criteria**

We will pause testing if:

* The website crashes often.
* Required resources are unavailable.

9. **Test Deliverables**

* Test cases
* Test plan
* A report on defects
* Final summary report

10. **Testing Tasks**

* Write and review test cases
* Run the test
* Log and track defects
* Retest after fixes

11. **Environmental Needs**

* Test servers with the latest version of the website
* Devices for testing (computers, phones, and tablets)

12. **Responsibilities**

* Test Manager: Plan and monitor testing activities.
* Testers: Run tests and report issues.
* Developers: Fix issues and provide updates.
* Project Manager: Coordinate schedules and resources.

13. **Training Needs**

* Training in testing tools
* Overview of e-commerce workflows

14. **Schedule**

* Plan testing: Jan 1 - Jan 5
* Write test cases: Jan 6 - Jan 10
* Set up test environment: Jan 11 - Jan 12
* Run tests: Jan 13 - Jan 25
* Fix issues and retest: Jan 26 - Jan 31
* Create report: Feb 1 - Feb 3

15. **Risks and Mitigation**

* Risk: Delays in setup.

Fix: Start setup early.

* Risk: Too many defects.

Fix: Focus on critical features first.

16. **Approval**