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# TEST PLAN

Project Name : [Tutorials Ninja](#)

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Qafox.com

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# 1.Objective

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## **Purpose:**

To verify that the Tutorials Ninja Demo website functions as intended, delivering a smooth, secure, and user-friendly shopping experience. Testing will ensure that both core business and technical requirements are met.

## **Goals:**

- Validate key functionalities such as shopping cart, Affiliate Program.
  - Identify and resolve defects early in the development cycle.
  - Ensure the website performs reliably under load and across multiple browsers and devices.
  - Confirm compliance with security and usability standards.
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# 2. Scope of Testing

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## **In-Scope:**

- **Functional Testing:**

Shopping cart operations and Affiliate Program.

## **Non-Functional Testing:**

- **Usability Testing:** Evaluate the website's user interface and overall user experience.
- **Compatibility Testing:** Test the website on various browsers (Chrome, Firefox, Safari, Edge) and devices (desktop, mobile, tablet).

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## 3. Test Environment

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### Hardware:

- Workstations or laptops for testers.
- Mobile devices (smartphones/tablets) for compatibility testing.

### Software:

- **Operating Systems:** Windows, macOS, Linux for desktops; iOS and Android for mobile devices.
- **Browsers:** Latest versions of Chrome, Firefox, Safari, and Edge.
- **Network:** Stable internet connection; use of a staging/test network if available.

### Configuration:

- Use the live demo environment (<https://tutorialsninja.com/demo/>) or a designated staging area that mirrors production.
- Preload test data (if applicable) to simulate realistic user interactions.

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## 4. Testing Tools & Resources

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- **Manual Testing Tools:**
  - **Browser Developer Tools:** For checking console errors, network performance, etc.
  - **Screen Capture Tools:** For documenting test results and defects (e.g., Snagit, native OS screenshot utilities).
  - **Documentation Tools:** Microsoft Word, Google Docs, or Test Case Management Tools (e.g., TestRail) for recording test cases and results.
- **Communication & Tracking:**
  - **Bug Tracking Tool:** JIRA, Bugzilla, or similar for logging and tracking defects.
  - **Collaboration Tools:** Slack, Microsoft Teams, or email for team communication.
- **Human Resources:**
  - Manual Testers.
  - Test Manager/Supervisor.
  - Business Analysts for requirement clarification.

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## 5. Deliverables

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### Documentation:

- This Manual Test Plan Document.
- Detailed Manual Test Cases.
- Test Data and Environment Setup Documentation.

### Reports:

- Daily/Weekly Test Execution Reports.
- Defect/Bug Reports.
- Final Test Summary Report.

### Other Deliverables:

- Screen captures and logs for any observed issues.
- Recommendations for improvements based on test findings.

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## 6. Risks and Mitigation

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**Risk:** Test environment instability or unavailability.

**Mitigation:** Verify environment status before testing; have backup devices and networks ready.

**Risk:** Incomplete or inaccurate test data.

**Mitigation:** Prepare and validate test data prior to test execution.

**Risk:** Critical issues found late in the test cycle.

**Mitigation:** Start testing early and perform regular regression testing as features are updated.

**Risk:** Human error in manual testing.

**Mitigation:** Use standardized test cases and have peer reviews of test documentation.

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## 7. Entry and Exit Criteria

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### Entry Criteria:

- Approved and finalized requirements and design documents.
- Fully configured and accessible test environment.
- Test data prepared and verified.
- Manual test cases documented and reviewed.

### Exit Criteria:

- All planned test cases are executed.
- All critical and high-severity defects are resolved or acceptable as per risk mitigation.
- Test coverage meets the predefined standards.
- Final Test Summary Report is completed and approved by stakeholders.

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## 8. Test Deliverables

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### Pre-Execution:

- Manual Test Plan Document.
- Detailed Test Cases and Test Scripts.
- Test Data and Environment Configuration Documentation.

### During Execution:

- Daily/Weekly Test Execution Logs.
- Detailed Defect/Bug Reports with screenshots and replication steps.

### Post-Execution:

- Final Test Summary Report.
- Recommendations for improvements and lessons learned.
- Updated test documentation for future test cycles.

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## 9. Roles and Responsibilities

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### **Test Manager:**

- Oversees the testing process, resource allocation, and communication with stakeholders.

### **Manual Testers:**

- Execute test cases, record results, and document defects with detailed steps and evidence.

### **Business Analysts:**

- Provide clarifications on requirements and validate that the application meets business needs.

### **Developers:**

- Address defects and support the testing process with technical insights.

### **Project Stakeholders:**

- Review test progress and final test outcomes; provide approval on exit criteria.
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# 10. Test Schedule/Timeline

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Phase	Start Date	End Date	Approved By
Test Planning	[04/02/25]	[08/02/25]	Shiva Sir
Test Design	[04/02/25]	[08/02/25]	Shiva Sir
Environment Setup	[04/02/25]	[08/02/25]	Shiva Sir
Test Execution	[04/02/25]	[08/02/25]	Shiva Sir
Defect Retesting/ Regression	[04/02/25]	[08/02/25]	Shiva Sir
Test Closure	[04/02/25]	[08/02/25]	Shiva Sir



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## 11. Acceptance Criteria

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- **Functional Acceptance:**
  - All major functionalities ( shopping cart, affiliate program) are working as expected without blocking issues.
- **Usability Acceptance:**
  - The website provides an intuitive and user-friendly interface.
- **Compatibility Acceptance:**
  - The website functions correctly across the supported browsers and devices.
- **Defect Acceptance:**
  - All critical and high-severity defects are resolved or mitigated before the final sign-off.
- **Documentation Acceptance:**
  - All test cases have been executed, and test logs/defect reports are complete and reviewed.