Test Plan for Web-Based Application

1. Introduction

Project Name: [Insert Project Name]

Purpose: Define the strategy and scope of testing for the web application.

Audience: QA Team, Developers, Project Managers, Stakeholders

2. Objectives

- Ensure the application meets functional and non-functional requirements.

- Identify, report, and resolve defects.

- Validate user experience across supported platforms.

3. Scope

In Scope: [List features/modules to be tested]

Out of Scope: [List what will NOT be covered, e.g., third-party integrations]

4. Test Strategy

4.1 Types of Testing

- Unit Testing

- Integration Testing

- System Testing

- Regression Testing

- User Acceptance Testing (UAT)

- Performance Testing

- Security Testing

- Accessibility Testing

- Cross-Browser/Device Testing

4.2 Test Levels

- Frontend

- Backend

- API

- Database

5. Test Environment

Browsers: [Chrome, Firefox, Edge, Safari, etc.]

Devices: [Desktop, Tablet, Mobile]

Servers: [Development, Staging, Production]

Test Data: [Describe how test data will be prepared/used]

6. Test Deliverables

- Test cases and scripts

- Test data sets

- Test summary reports

- Defect logs

- Final test report

7. Entry and Exit Criteria

7.1 Entry Criteria

- Requirements are signed off

- Code is deployed to test environment

- Test data is available

7.2 Exit Criteria

- All critical test cases executed

- Major defects resolved

- Test summary report completed

8. Risks & Mitigations

Risk: [E.g., Delayed requirements]

Mitigation: [E.g., Regular sync meetings]

9. Schedule

Test planning: [Insert dates]

Test case preparation: [Insert dates]

Test execution: [Insert dates]

UAT: [Insert dates]

10. Resources

QA Engineers: [Names/Roles]

Developers: [Names/Roles]

Tools: [E.g., Selenium, JIRA, Postman]

11. Approval

[Signatures or names of responsible approvers]

Appendix:

- Glossary

- References