Software Testing Plan – Web-Based Appointment System

1. Introduction
This document describes the test strategy and approach for the Web-Based Appointment System. The p

2. Objectives
- Verify the functional correctness of core features.
- Validate field-level and business rule validations.
- Identify and document defects with severity and priority.
- Ensure basic UI consistency and usability.

3. Scope
In Scope:
- User Login and Logout
- Appointment Creation and Viewing
- Field Validations and Error Handling
- Basic UI and Navigation

Out of Scope:
- Performance and load testing
- Security penetration testing
- Integration with external third-party services

4. Test Approach
- Manual functional testing based on defined requirements.
- Scenario-based and negative testing for critical flows.
- Exploratory testing for additional defect discovery.
- Defect logging and tracking using a structured Bug Report.

5. Test Deliverables
- TestScenarios.xlsx
- TestCases.xlsx
- BugReport.xlsx
- TraceabilityMatrix.xlsx
- TestSummaryReport.pdf

6. Entry Criteria
- Application build is deployed to the test environment.
- Functional requirements are documented and reviewed.
- Test data and user accounts are available.

7. Exit Criteria
- All planned test cases are executed.
- No open High severity defects remain.
- Medium/Low defects are documented and accepted by stakeholders.

8. Test Environment
- Web browser-based environment (e.g., Chrome).
- Stable test URL for the Appointment System.
- Test user accounts with appropriate roles.

9. Roles and Responsibilities
- QA Engineer: Test design, execution, defect logging, reporting.
- Developer: Bug fixing and clarifications.
- Systems/Release Professional: Coordinates readiness and sign-offs.

10. Risks and Assumptions
- Assumes stable test environment availability.
- UI changes late in the cycle may cause rework of test cases.