

Testplan for MedEasy_health

Test Plan ID: TP-MED-001

Introduction: This test plan describes the testing approach, scope, objectives for the [Medeasy.health](#) web application. The aim is to ensure that the website meets functional, usability, security, compatibility, and performance standards before deployment.

Test Items: List of all modules which is intended to test.

- User Authentication & Authorization: Login, Logout, Edit Profile.
- Patient Service: Prescription upload, Booking appointment, Doctor Consultation.
- Payment Gateway: Cash, Card, Wallet, Mobile Banking.
- Information: Health Articles, Testimonials.
- Download Section: Google Playstore, Appstore.
- Global Component: Header, Footer.
- Cross-Browser and Mobile Responsiveness Testing.

References: List of the document supports this test plan.

- Business Requirements Document (BRD)
- Functional Specification Document (FSD)

Features to be Tested: List of those features will be tested.

- User registration, login or logout.
- Appointment scheduling and management.
- Doctor-patient communication.
- Payment processing and transaction history.
- Prescription uploads and downloads.
- Email and SMS notifications.
- Mobile responsiveness (Android).

Features not to be Tested: These features will not be tested here.

- Third-party integrations that do not impact user experience directly.
- Internal database management is not to be tested.
- Backend API performance does not test from the end user.

Test Approach: Here is discussed the overall testing approach according to the test plan.

- Functional Testing will ensure all modules work as expected.
- UI Testing will ensure consistency in layout, design, and responsiveness.
- Security Testing will check for data protection and compliance issues.
- Regression Testing will be conducted after every update.

Entry Criteria: Here is explained when the test case starts to execute.

- All application components are developed and available for testing.
- Test environment is set up.
- Test data is ready.

Exit Criteria: Here is explained when the test case stops executing.

- All test cases executed successfully.
- No critical or high-severity defects remain open.
- Test Summary Report is prepared and reviewed.

Suspension Criteria: Here is described when it can be stopped temporarily.

- Major functionality is broken, blocking further testing.
- Test environment is not stable or accessible.
- Unexpected delays in test data availability.

Roles & Responsibilities: List of team members' roles.

- Test Lead: Define the test plan, assign tasks, monitor execution.
- Testers: Execute test cases, report defects, validate fixes.
- Developers: Fix reported issues and provide support.
- Project Manager: Ensure timelines and overall test execution.

Schedule: Duration for all specific test activities.

- Test Planning: 1 Week
- Test case design: 2 Weeks
- Bug Report and Fixing: 1 Week
- Test Report summary: 1 Week

Training: For effective testing, training is needed to test.

- Testers will undergo product walkthroughs.
- Training on compliance guidelines.
- Hands-on training for new testing tools, if required.

Test Environment: Provides detailed information about the testing environment, which will support.

- Operating Systems: Windows, Android
- Browsers: Chrome, Edge
- Devices: Desktop, Mobile

Test Deliverables: List of those parts which will be delivered.

- Test Plan Document
- Test Scenarios
- Test Cases
- Bug Reports

- Mind Maps
- Test Summary Report
- Test Metrics

Approvals: List of those members who will approve the test plan.

- QA Lead: Rupa Dey
- Test Reviewer: Ehsanul Alam Sabbir

Glossary: Here is defined the acronym which is used in the test plan.

- QA: Quality Assurance