

# Test Plan

## Quantum IT Innovation

URL - <https://quantumitinnovation.com/>

|              |                       |
|--------------|-----------------------|
| Project Name | Quantum IT Innovation |
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| Created Date | 27 - 05 - 2025        |
| Device Name  | Window 11             |

### 1. Introduction

Quantum IT Innovation is a global digital solutions provider offering services in web and mobile app development, artificial intelligence, digital marketing, and more. The website serves as a primary platform to showcase their services, portfolio, case studies, and to facilitate client engagement.

### 2. Objectives

- Ensure all website functionalities operate as intended.
- Validate that the website is responsive and accessible across various devices and browsers.
- Confirm that all forms, links, and interactive elements function correctly.

- Verify that content is accurate, up-to-date, and free from errors.
- Assess the website's performance, including load times and responsiveness.

### 3. Scope

#### In Scope:

- Functional testing of all website features.
- UI/UX testing across different devices and browsers.
- Performance testing, including page load times.
- Accessibility testing to ensure compliance with standards.
- Security testing of forms and data submissions.

#### Out of Scope:

- Testing of backend systems not exposed through the website.
- Load testing beyond standard user traffic.

### 4. Testable Features

- Header & Navigation: Menu links, logo, and responsiveness.
- Home Page: Banners, service highlights, and call-to-action buttons.

- About Us: Company overview, mission, and team information.
- Services: Detailed pages for Web Development, Mobile App Development, AI Solutions, Digital Marketing, etc.
- Portfolio: Project showcases with filtering options.
- Case Studies: In-depth project analyses.
- Insights: Blog articles categorized by topics.
- Contact Us: Contact form, office locations, and contact details.
- Footer: Quick links, social media icons, and legal information.

## 5. Testing Approach

- Manual Testing: To validate UI/UX elements, form functionalities, and content accuracy.
- Responsive Testing: Using browser developer tools and real devices to ensure compatibility across screen sizes.
- Cross-Browser Testing: Testing on Chrome, Firefox, Safari, Edge, and Internet Explorer.

## 6. Roles & Responsibilities

- QA Analysts: Design test cases, execute tests, and log defects.

## 7. Test Schedule

| Phase            | Duration | Start Date | End Date  |
|------------------|----------|------------|-----------|
| Test Planning    | 2 day    | 27-May-25  | 27-May-25 |
| Test Scenario    | 2 day    | 27-May-25  | 27-May-25 |
| Test Case        | 2 day    | 28-May-25  | 28-May-25 |
| Defect Reporting | 2 day    | 28-May-25  | 28-May-25 |
| Test Closure     | 2 day    | 28-May-25  | 28-May-25 |

## 8. Test Deliverables

1. Test Plan Document
2. Test Cases and Test Scripts
3. Test Data
4. Defect Reports
5. Test Summary Report

## 9. Entry & Exit Criteria

### Entry Criteria:

- Website is deployed in the test environment.
- All necessary documentation is available.
- Test environment is set up and accessible.

### Exit Criteria:

- All critical and major defects are resolved.
- Test cases have been executed with a pass rate of 95% or higher.
- Test Summary Report is reviewed and approved.

## 10. Tools

- Test Management: Excel Sheets
- Cross-Browser Testing: BrowserStack, CrossBrowserTesting