

# TEST PLAN

**Project Name:** Anmol's Portfolio Website

**Test Plan ID:** TP-PORTFOLIO-01

**Prepared By:** Anmol Shrivastava

**Date:** 30-12-2025

**Version:** 1.0

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## 1. Introduction

This Test Plan describes the testing strategy, scope, resources, and schedule for validating the functionality, performance, usability, and compatibility of the Anmol's Portfolio Website.

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## 2. Objectives

- Verify that all functional requirements defined in FRS are met
  - Ensure high-quality user experience
  - Detect defects before final release
  - Validate website performance, usability, and responsiveness
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## 3. Scope of Testing

### In-Scope

- Functional Testing of all modules
- UI/UX validation
- Cross-browser testing
- Responsiveness testing
- Basic security checks
- Download resume verification
- 3D animation behaviour

### Out of Scope

- Backend security penetration testing
  - Load testing beyond basic performance checks
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#### 4. Test Items

- Home Page
  - About Section
  - Skills Section
  - Projects Section
  - Experience Section
  - 3D Model with Animation
  - Download Resume
  - Contact Form
  - Navigation & Footer
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#### 5. Test Approach

Testing Type	Description
Functional Testing	Validate all features per FRS
UI Testing	Validate layout, alignment, fonts, colours
Usability Testing	Validate ease of navigation
Compatibility Testing	Verify behaviour on Chrome, Firefox, Edge
Responsive Testing	Validate on desktop, tablet, mobile
Regression Testing	Re-test after changes
Smoke Testing	Verify build stability

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#### 6. Test Environment

##### Component Details

Browsers	Chrome, Firefox, Edge, Safari
Devices	Desktop, Laptop, Tablet, Mobile
OS	Windows, Android, iOS
Tools	Browser DevTools, Manual Test Docs

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## 7. Entry & Exit Criteria

### Entry Criteria

- Website deployed and accessible
- FRS approved
- Test cases prepared

### Exit Criteria

- All planned test cases executed
  - All critical defects resolved
  - Test Summary Report prepared
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## 8. Deliverables

- Test Plan
  - Test Scenarios
  - Test Cases
  - Test Execution Report
  - Bug Reports
  - RTM
  - Test Summary Report
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## 9. Roles & Responsibilities

Role	Responsibility
QA Engineer - (Anmol)	Test planning, execution, reporting
Developer - (Anmol)	Bug fixing
Project Owner - (Anmol)	Approval & sign-off

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## 10. Test Schedule

Phase	Duration
Test Planning	1 day
Test Design	2 days
Test Execution	3 days
Bug Fix & Re-test	2 days
Final Report	1 day

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## 11. Risks & Mitigation

Risk	Mitigation
Browser incompatibility	Test on multiple browsers
3D animation performance issues	Monitor frame drops
Form submission failures	Validate thoroughly

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## 12. Approval

Name	Role	Signature
Anmol Shrivastava	QA Engineer	_____