**Test Plan – PersonalNutrition.com**

**Candidate Name:** Namrata Deote  
 **Date:** 23rd June 2025  
**Website Under Test:** <https://personalnutrition.com>

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| **Test Plan**   1. Objective 2. Scope 3. Test Environment 4. Testing Types 5. Test Strategy 6. Test Schedule 7. Entry & Exit Criteria 8. Deliverables 9. Tools Used 10. Risks and Mitigation 11. Approvals |

**1. Objective**

* The goal of this Test Plan is to make sure the **PersonalNutrition.com** website is working properly on all pages and devices.
* The testing will help identify any issues in design, functionality, responsiveness, and user experience.

**2. Scope**

* **What We Will Test:**
* Home page
* Services or Products
* Contact form
* Navigation (menu and footer)
* Mobile responsiveness
* **What We Will Not Test:**
* Admin or backend panels (not accessible)
* Payment or subscription functionality (if not available)

**3. Test Environment**

The test environment includes the operating systems, browsers, and devices that will be used to verify the functionality, design, and responsiveness of the PersonalNutrition.com website.

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| **Platform** | **Browser/Device** | |  | | --- | |  |   **Purpose** |
| Windows 11 | Google Chrome (latest) | Test main desktop functionality, UI layout, and page speed. |
|  | Mozilla Firefox (latest) | Mozilla Firefox (latest) |
| Android Mobile | Google Chrome (latest) | Check responsiveness and mobile design layout. Test tap/click behavior. |
| iPhone | Safari | Verify mobile UI on iOS devices. Ensure Apple compatibility. |

**4. Testing Types**

**We are adopting a hybrid model:**

* **Manual Testing –** 60%: For UI/UX, responsive layout, exploratory, and one-time test flows.
* **Automation (Selenium) –** 40%: For repeated actions, form validation, and link verification.

**We will perform the following types of testing:**

* **Functional Testing** – To check if features work as expected
* **UI Testing –** To check layout, design, and content
* **Responsive Testing** – To check mobile-friendly view
* **Compatibility Testing** – To check the site on different devices and browsers
* **Link Testing** – To make sure all buttons and links work properly
* **Form Validation Testing** – To check the Contact Us form

**5. Test Strategy**

**Manual Testing Tasks:**

* Visual checks on layout, responsiveness
* Testing menus, links, footer
* Form validation with positive & negative data
* Cross-browser visual validation

**Selenium Tasks:**

* **Automate test cases for:**
  + Homepage load
  + Navigation clicks
  + Form field validations
  + Link testing and redirections

**Selenium with Java ,using WebDriver, TestNG, and Assertions.**

**6. Test Schedule**

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| **Activity** | **Estimated Duration** |
| Test Plan Preparation | 1 hour |
| Manual Test Case Creation | 2 hours |
| Selenium Script Writing | 4–5 hours |
| Execution (Manual) | 3 hours |
| Execution (Automation) | 2 hours |
| Reporting & Final Review | 1 hour |

**7. Entry & Exit Criteria**

**Entry Criteria:**

* Site is accessible at <https://personalnutrition.com>
* Requirements and pages are finalized

**Exit Criteria:**

* All planned test cases (manual + automated) executed
* No critical bugs remain open
* Final test report is submitted

**8. Deliverables**

* Test Plan (this document)
* Manual Test Cases
* Selenium Test Scripts
* Defect Log (Excel or JIRA-based)
* Test Summary Report

**9. Tools Used**

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| **Tool** | **Purpose** |
| Chrome/Firefox | Manual browser testing |
| Selenium WebDriver | Automation with Java/Python |
| TestNG | Test framework for Selenium |
| Excel | Writing test cases & bug log |
| Snipping Tool | Screenshots for reporting |
| GitHub | report |

**10. Risks and Mitigation**

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| **Risk** | **Mitigation** |
| Selenium script failures | Reuse stable locators, use wait conditions |
| Time constraints | Focus automation on high-value repetitive cases |
| Browser compatibility issues | Use manual testing for visual confirmations |

**11.Approvals**

Team will send different types of documents for Client Approval like below:

• Test Plan

• Test Scenarios

• Test Cases

• Reports

Testing will only continue to the next steps once these approvals are done