Test Plan Document:

1. Test Plan Overview:

Test Plan Details	
Objective:	To evaluate the functionality, performance, and usability of the website - (Link) hosted at the given URL. The focus is on ensuring the website works as expected, navigates smoothly, and delivers a user-friendly experience.
Scope:	Functional Testing, Usability Testing
Testing Areas:	Website navigation, login/signup processes, information display, overall user experience, and accessibility.
Test Type:	**Manual Testing :- (Functional Testing**: Focused on verifying that the website's features function as expected. **Usability Testing**: Aimed at evaluating the ease of navigation, clarity of product information, and accessibility).
Tools Used:	Browser Developer Tools, Figma (for wireframing), Google Docs/Sheets (for documentation), Trello/Jira (for defect tracking).
Testing Environment:	Desktop and Mobile Browsers (Chrome, Firefox, Edge)
Test Execution Date:	12/10/2024 to 16/11/2024
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Tester:	Taffazul Ansari

2. Scope of Testing

- **Functional Testing**: Ensures the core features of the website work correctly. This includes:

    o   Link navigation

    o   Login/Signup features

    o   Display of product or content information

    o   Data entry (forms, user input)

- **Usability Testing**: Focuses on the user's ability to interact with the website smoothly, which includes:

    o   Navigation ease

    o   Accessibility of information

    o   Responsiveness on different devices (mobile, tablet, desktop)

    o   Clarity of content information

3. Test Criteria

- **Pass Criteria**: All functional test cases pass and usability testing results in positive feedback.

- **Fail Criteria**: Any major issues encountered, such as:

- o Critical navigation problems (e.g., broken links)

- o Functional failures (e.g.,login/Signup feature not returning results)

- o Usability problems significantly hindering user experience (e.g., unreadable text, non-responsive design)

4. Test Strategy

The website will be tested for **Functional and Usability Testing** with the following strategies:

Functional Testing:

1. **Verify Link Navigation**:

   - o Test all links on the homepage and internal pages.

   - o Ensure links navigate to the correct pages and are not broken (no 404 errors).

2. **Test login/Signup Functionality**:

   - o Test login/Signup both valid and invalid keywords to ensure it returns the correct results.

3. **Services Information Display**:

   - o Check whether the service's information (images, descriptions, etc.) is accurately displayed and formatted.

4. **Data Entry and Verification**:

   - o Add new data (such as filling out a form) and ensure the entered data is stored and displayed correctly on the website.

Usability Testing:

1. **Navigation Ease**:

   - o Test if the website's navigation is intuitive and easy to follow. Are the menu options clearly labeled? Are users able to reach the content without difficulty?

2. **Services Information Accessibility**:

   - o Check if services details and content are easy to read, with attention to text size, contrast, and font clarity.

3. **Responsive Design**:

   - o Ensure the website is responsive across different screen sizes. Test the website on mobile, tablet, and desktop to verify consistent behaviour.

4. **Browser Compatibility**:

   - o Verify that the website performs well across major browsers (Chrome, Firefox, Edge, Safari).

5. Deliverables

- **Test Cases**: Documented scenarios for functional and usability testing.

- **Test summary Report**: Summary of test results, including pass/fail statuses.

- **Bug Reports**: Detailed logs of any defects found during testing.

- **Feedback and Suggestions**: Recommendations for improving the website's usability and functionality.

6. Resources Required

- **Hardware**: Devices (mobile, tablet, desktop) for testing.

- **Software**: Browsers (Chrome, Firefox, Edge, Safari), tools for capturing screenshots/videos (Snipping Tool).

- **Access to Website**: Ensure testers have access to the site to perform the tests.