**Test Plan Document:**

**1. Test Plan Overview:**

|  |  |
| --- | --- |
| **Test Plan Details** |  |
| **Objective:** | To evaluate the functionality, performance, and usability of the website - ( [Link](https://baidu-bandits-072-git-main-sanjukumari-techs-projects.vercel.app/)) 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 |
| **Approved By:** | Anjali Shaw |
| **Tester:** | Taffazul Ansari |

**2. Scope of Testing**

* **Functional Testing**: Ensures the core features of the website work correctly. This includes:
  + Link navigation
  + Login/Signup features
  + Display of product or content information
  + Data entry (forms, user input)
* **Usability Testing**: Focuses on the user's ability to interact with the website smoothly, which includes:
  + Navigation ease
  + Accessibility of information
  + Responsiveness on different devices (mobile, tablet, desktop)
  + 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:
  + Critical navigation problems (e.g., broken links)
  + Functional failures (e.g.,login/Signup feature not returning results)
  + 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**:
   * Test all links on the homepage and internal pages.
   * Ensure links navigate to the correct pages and are not broken (no 404 errors).
2. **Test login/Signup Functionality**:
   * Test login/Signup both valid and invalid keywords to ensure it returns the correct results.
3. **Services Information Display**:
   * Check whether the service’s information (images, descriptions, etc.) is accurately displayed and formatted.
4. **Data Entry and Verification**:
   * 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**:
   * 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**:
   * Check if services details and content are easy to read, with attention to text size, contrast, and font clarity.
3. **Responsive Design**:
   * Ensure the website is responsive across different screen sizes. Test the website on mobile, tablet, and desktop to verify consistent behaviour.
4. **Browser Compatibility**:
   * 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.