**Test Plan for Knektz Integrated Services Website**

**1. Project Name**

* Knektz Integrated Services Website Testing

**2. Institution Name**

* Knektz Consulting

**3. Document Change History**

| **Version** | **Date** | **Description** | **Author** |
| --- | --- | --- | --- |
| 1.0 | Dec 9, 2024 | Initial test plan document creation | Test Manager |
| 1.1 | Dec 10, 2024 | Added table of contents and approvals | Test Manager |
| 1.2 | Dec 11, 2024 | Updated test schedule and resource roles | Test Manager |

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**5. Introduction**

This test plan outlines the strategy, objectives, schedule, and scope of testing activities for the website [**www.healthcare.knektz.com**](http://www.healthcare.knektz.com). The primary goal is to ensure the website functions as intended, provides accurate information, and delivers a seamless user experience.

**6. Objective**

The testing objectives for Knektz Health Care Website include:

* **Functional Testing**: Verify that all functionalities of the website work as expected.
* **Service Verification**: Ensure the website provides Health as a service and QA as a service.
* **Compatibility**: Validate compatibility across multiple browsers and devices.
* **Performance**: Identify performance issues.
* **Accessibility**: Ensure adherence to accessibility standards, ensuring the website is accessible to all users.

**7. Scope**

The testing will cover the following areas:

**1. Functional Testing**

* Navigation and menu links functionality.
* Accuracy of content, including health articles, tips, and other information.
* Functionality of contact/registration/hire/order forms and other interactive elements.
* Media elements and social media links.

**2. Usability Testing**

* Ease of navigation.
* Clarity of content layout and design.
* Collect user feedback on the overall experience.

**3. Performance Testing**

* Measure page load time.
* Stress testing with multiple concurrent users.

**4. Compatibility Testing**

* Cross-browser testing (Chrome, Firefox, Safari, Edge).
* Device testing (desktop, mobile).

**5. Accessibility Testing**

* Compliance with Web Content Accessibility Guidelines (WCAG) 2.1.
* Keyboard navigation and screen reader compatibility.

**8. Test Environment**

**Hardware Requirements**

* **Desktop**: Windows Operating System.
* **Mobile Devices**: iOS for mobile testing.

**Software Requirements**

* **Browsers**: Latest versions of Chrome, Firefox, Safari, Edge.
* **Tools**: Developer tools for Chrome, Firefox, and Edge (for performance and accessibility testing).

**9. Test Approach**

**1. Requirement Analysis**

* Review project documentation and user stories to identify relevant test scenarios.

**2. Test Design**

* Prepare detailed test cases for each feature and module of the website.
* Define acceptance criteria for all tests.

**3. Execution**

* Perform manual testing where applicable.
* Record defects in the defect-tracking tool. These defects will be documented in the final test summary report.

**4. Validation and Reporting**

* Execute all tests.
* Capture test results and generate reports detailing any defects found.

**10. Test Cases**

* Test cases and scenarios will be outlined in a separate document.

**11. Resources**

**Team Roles**

* **Test Manager**: Oversees the testing process, ensuring the test plan is followed and the objectives are met.
* **Test Engineer**: Designs and executes test cases, reports defects.
* **Developers**: Fix any defects reported during testing.

**12. Schedule**

| **Phase** | **Start Date** | **End Date** |
| --- | --- | --- |
| Requirement Analysis | Nov 28, 2024 | Nov 29, 2024 |
| Test Design | Dec 1, 2024 | Dec 6, 2024 |
| Test Execution | Dec 9, 2024 | Dec 10, 2024 |
| Reporting & Closure | Dec 11, 2024 | Dec 12, 2024 |

**13. Risk Assessment**

| **Risk** | **Mitigation** |
| --- | --- |
| Delayed test environment setup | Prioritize environment setup tasks early. |
| Internet downtime | Use alternative/backup internet connection. |

**14. Deliverables**

* Test cases and test scenarios.
* Test execution reports.
* Final test summary report.

**15. Approval**

| **Name** | **Role** | **Signature** |
| --- | --- | --- |
| Test Manager | Test Manager |  |

This test plan will be updated and refined as needed during the course of the project to ensure thorough testing of the **Knektz Integrated Services** **Website**.