Manual Test Plan for GlobalSQA Website

Project Name: GlobalSQA Website
Test Plan Version: 1.0
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Date: [02/10/2024]

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1. Introduction

The purpose of this test plan is to outline the strategy, scope, and objectives for manually testing the **GlobalSQA** website. The site provides a range of resources, including practice test pages, automation tools, API testing tutorials, and manual testing guides. This test plan aims to ensure that all key features of the website function correctly, meet quality standards, and provide a seamless experience to users.

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2. Objectives

- Ensure the functionality of all core features such as the practice test pages, tutorials, and resources.
- Validate that all forms, navigation elements, and search functionality work correctly.
- Verify the website's performance, usability, security, and compatibility across different browsers and devices.
- Ensure accessibility for all users, including those with disabilities.
- Identify and fix any defects, broken links, or usability issues.

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3. Scope of Testing

In-Scope:

- Functional testing of all website features.
- UI/UX testing to ensure that the design is responsive and user-friendly.
- Browser compatibility testing (cross-browser testing).
- Mobile compatibility testing (responsive design testing).
- Form validation and error handling testing.
- Performance testing for page load times and responsiveness.
- Security testing to ensure that user data is protected and vulnerabilities are mitigated.
- Accessibility testing to ensure compliance with WCAG guidelines.

Out-of-Scope:

- Backend database testing.
- Third-party integration testing (e.g., external links to third-party sites unless used for critical functionalities).

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4. Features to be Tested

1. **Homepage**
   - Verify page layout and content.
   - Test the search bar functionality.
   - Test navigation links and dropdown menus.
2. **Practice Test Pages**
   - Test individual practice pages for UI elements like drag-and-drop, checkboxes, modals, and alerts.
   - Ensure that the functionality of each practice page matches the description.
3. **Contact Us Form**
   - Test form submission with valid and invalid inputs.
   - Ensure form validation works properly for all fields.
   - Validate error messages for missing/incorrect inputs.
4. **Navigation and Links**
   - Verify that internal and external links work correctly.
   - Ensure that broken links or 404 errors do not exist.
5. **Resources**
   - Verify that blog posts and resources load properly.
   - Test the search and filtering functionality for content.

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5. Test Approach and Methodology

- **Manual Testing**: All features will be tested manually by executing the defined test cases.
- **Exploratory Testing**: Conduct exploratory testing sessions to discover potential usability issues or hidden bugs.
- **Test Environment**: Testing will be performed in different browsers and devices, including:
   - Browsers: Chrome, Firefox, Safari, Edge.
   - Devices: Desktop (Windows, macOS), Mobile (iOS, Android).

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6. Test Deliverables

- **Test Plan Document**: This document outlining the strategy, scope, and test approach.
- **Test Cases Document**: Detailed list of manual test cases that will be executed.
- **Test Execution Report**: A report summarizing the results of the test case execution, including pass/fail status and defect tracking.
- **Defect Reports**: A detailed log of any defects found during testing.

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7. Test Environment

Hardware Requirements:

- Desktop/laptop with different operating systems.
- Mobile devices.

Software Requirements:

- Supported browsers: Chrome, Firefox, Safari, Edge.

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8. Test Schedule

Test Phase	Start Date	End Date
Test Plan Preparation	[02/10/2024]	[04/10/2024]
Test Case Design	[02/10/2024]	[03/10/2024]
Test Case Execution	[02/10/2024]	[03/10/2024]
Test Completion	[02/10/2024]	[03/10/2024]

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9. Test Execution Strategy

Each test case will be executed manually to verify that the functionality of the GlobalSQA website aligns with its expected behavior. Any deviations or defects will be logged and tracked for resolution.

1. **Test Case Execution**: Execute each test case, recording the pass/fail status.
2. **Defect Reporting**: Log any defects discovered during test execution in a defect tracking tool.

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10. Entry and Exit Criteria

Entry Criteria:

- All test cases have been reviewed and approved.
- The website is available in the test environment.
- Required test data is available and set up.

Exit Criteria:

- All planned test cases have been executed.
- All critical and high-priority defects have been resolved.
- Test execution is complete, and results have been logged.
- A sign-off meeting has been conducted to review the test results.

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11. Risk and Mitigation

Risk	Mitigation
Delays in receiving website updates.	Communicate with the development team for timely updates.
Insufficient test data.	Prepare a variety of test data before execution.
Browser-specific issues may be complex.	Prioritize cross-browser testing early in the cycle.

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12. Roles and Responsibilities

Role	Responsibility
Test Lead	Manage and oversee the entire testing process.
Manual Test Engineer	Execute manual test cases and report defects.
Development Team	Fix defects identified during testing.
Project Manager	Ensure the project timelines are met.

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13. Tools

- **Test Management Tool**: [Optional] (e.g., JIRA, TestRail)
- **Browser Dev Tools**: For inspecting UI elements and debugging.
- **Defect Tracking Tool**: JIRA, Bugzilla, or any tool chosen for logging defects.

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14. Reporting and Communication

- Daily test execution status updates to the Test Lead.
- Weekly test progress reports.

- Defect triage meetings to review and prioritize defects.

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15. Conclusion

The successful execution of this test plan will ensure that the **GlobalSQA** website meets the desired quality standards and offers a smooth and functional user experience. By identifying and resolving any defects or issues, we will enhance the overall performance and reliability of the website for QA professionals and learners.

Sign-Off

Role	Name Signature Date
Test Lead	
Project Manager	
Developer Lead	

This **manual test plan** provides a structured approach to testing the GlobalSQA website, ensuring all critical aspects are covered during the testing phase.