

Final Accessibility Report

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Website: <https://awsactivators.github.io/portfolio/>

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Document Overview

This report evaluates the usability and accessibility of Genevieve's portfolio website, providing insights into navigation, design consistency, and user interaction. The study collected data from five participants performing specific tasks, with findings aimed at refining the portfolio's overall user experience.

Executive Summary

The usability and accessibility test evaluated Genevieve's portfolio website, focusing on navigation, contact form functionality, consistency, and overall design. The study aimed to identify usability issues and propose actionable improvements. Five participants, aged 22-45, were involved, providing insights into the portfolio's strengths and areas for refinement. Key findings indicate the need for enhanced navigation elements, better project descriptions, and minor design adjustments.

Methodology

Testing Approach

The usability test employed task-based evaluations and heuristic analysis, focusing on:

1. Visibility of system status.
2. User control and freedom.
3. Error prevention and consistency.
4. Aesthetic and minimalist design.

Setting

Participants conducted in-person testing using their personal devices, and feedback was gathered immediately and entered via Google Forms.

Metrics Collected

1. Task Completion Rate.
2. Error Rates (Critical and Non-Critical).
3. User Satisfaction (5-point Likert scale).
4. Qualitative Feedback (Open-ended responses).

Participants

Five participants were selected based on the following criteria:

- Age: 22-45 years.
- Education: College-level or higher.
- Internet Proficiency: Comfortable with basic web navigation and portfolio exploration.

Participants were guided to complete specific tasks, providing feedback on usability and satisfaction.

Training

Participants were briefed on the test purpose and methodology. They were instructed to think aloud during tasks, ensuring transparent feedback. A pre-test orientation clarified the scope and encouraged honest opinions.

Procedure

1. Participants reviewed the homepage layout and identified key elements.
2. Tasks included:
 - Navigating to a specific project.
 - Submitting a message via the contact form.
3. Post-task questionnaires captured their impressions and challenges.

Roles

- **Trainer:** Provided an overview of test objectives.
- **Facilitator:** Guided participants through tasks and addressed questions.
- **Data Logger:** Recorded participant actions, comments, and errors.
- **Test Observers:** Monitored sessions to identify usability concerns.

Ethics

- Participant anonymity was maintained throughout the study.
- Feedback was used solely to enhance the portfolio's design and functionality.
- Participants were informed they could withdraw at any point.

Usability Tasks

Tasks were designed to assess navigation, functionality, and overall design. Examples include:

- Finding and viewing a web development project.
- Filling out and submitting the contact form.

Usability Metrics

1. **Scenario Completion:**
 - Defined by the participant's ability to achieve task goals independently.
2. **Critical Errors:**
 - Logo button malfunction on project pages.
3. **Non-Critical Errors:**
 - Lack of project details to tell users about the project before visiting the project..
4. **Subjective Evaluations:**
 - Average satisfaction score: 4.2/5.

Usability Goals

1. **Completion Rate:**
 - Achieved 100% task completion.
2. **Error-Free Rate:**
 - Minor non-critical errors noted.
3. **Time on Task:**
 - Average time aligned with expectations.
4. **Subjective Measures:**
 - Participants rated the portfolio's layout as striking and easy to navigate.

Problem Severity

Impact Levels

1. **High Impact:** Logo malfunction preventing navigation (critical).
2. **Moderate Impact:** Project details missing from thumbnails.
3. **Low Impact:** Skills section not static or able to view all.

Frequency Levels

- **High:** 30% or more participants identified the logo issue.
- **Moderate:** 11-29% noted project details.
- **Low:** 10% or fewer suggested static skills.

Reporting Results

Recommendations

1. **Navigation:**
 - Fix logo functionality for consistent navigation.
2. **Contact Form:**
 - Improve success message visibility.
 - Navigation back to home should either show a cleared form or point to the about section.
3. **Design:**
 - Add a view all skills display using a modal.
 - Include brief project descriptions.
4. **Content:**
 - Review and correct typos.

Priority Improvements

- Fix logo redirection (high priority).
- Add project details to thumbnails/card (medium priority).
- Improve static display of skills (low priority).

Conclusion

The testing revealed the portfolio is functional and visually appealing, with a few usability concerns. Addressing navigation, design consistency, and content clarity will significantly improve user experience. Stakeholder feedback should focus on implementing these refinements for the next iteration.

Thank you for reviewing this report. These findings and recommendations aim to enhance the usability and accessibility of the portfolio website.