**Usability Test Plan**

**Project Name: Green Code Project**

**Test Plan Title:** **Usability Test Plan Group 03**

**Document Version: 01**

**Date Created: 03.03.2025**

**Last Updated: 05.03.2025**

**Document Owner: Mikkel Nathaniel Lindtveit Johannessen**

**Contact Information: nathanieljohannessen@gmail.com**

|  |  |
| --- | --- |
| **Aspect** | **Description** |
| Test objectives | To evaluate the user experience of the Green Code Website.  To identify usability issues and gather user feedback for improvements.  To meet customer needs and requirements. |
| Scope | This usability test will focus on assessing the user interface, navigation, and overall user experience of the Green Code Website. |
| Participants | We will ask fellow programmers to review code, and select 3-4 different people to navigate the website and look for errors and missing requirements. |
| Test procedure | Each participant will be introduced to the website and the project in question.  Participants will be asked to complete specific tasks using the website, such as:  a. Create a user.  b. Read blog posts.  c. Find contact information.  d. Provide feedback on user experience.  e. Try the contact us feature.  Participants will use the "think-aloud" method, sharing their thoughts and impressions as they navigate the website.  Observers will take notes and record participants actions |
| Tasks | Task 1: Create a user and log in to the website.  Task 2: Find and read a specific blog post or find a specific tool.  Task 3: Locate information about the green code initiative.  Task 4: Provide feedback on your most recent bad experience on a website.  Task 5: Delete user  Task 6 (Programmers): Check code and review it. |
| Post-test questions | How would you rate your overall experience with the website on a scale of 1 to 5, with 5 being the best?  Were you able to complete the assigned tasks easily? If not, what challenges did you encounter?  What aspects of the website user interface did you find most intuitive and user-friendly?  Were there any specific features or functionalities that you felt was missing?  Do you have any suggestions for improving websites’ user experience?  Did you encounter any technical issues or bugs during your interaction with the website?  Did you encounter any issues with the code, or do you have any improvements in mind? |
| Test Environment | Devices: iOS, Windows and Android smartphones and PCs.  Operating Systems: Latest versions for iOS Windows and Android.  Test Location: Usability testing room with controlled environment?  Moderator: Torjus Westeng Bakken  Observers: Mikkel Nathaniel Lindtveit Johannessen  Website Version: Most recent version. Sprint 3 version, and Final version.  Analysis Tools: Notepad, PC and vision. |

**Usability Test Report Template**

|  |  |
| --- | --- |
| Test objectives | To evaluate the user experience of the Green Code Website.  To identify usability issues and gather user feedback for improvements.  To meet customer needs and requirements. |
| Participants | User 1 – User will be added for each test  User 2 – User will be added for each test  User 3 – User will be added for each test  User 4 (Programmer) – User will be added for each test  User 5 (Programmer) – User will be added for each test |
| Test result | Task 1: Create a user and log in to the website.   * List of findings:   Task 2: Find and read a specific blog post or find a specific tool.   * List of findings:   Task 3: Locate information about the green code initiative.   * List of findings:   Task 4: Provide feedback on your most recent bad experience on a website.   * List of findings:   Task 5: Delete user   * List of findings:   Task 6 (Programmers): Check code and review it.   * List of findings: |
| Key findings | Positive Observations:  Areas for Improvement:  Main issues: |
| Additional insight |  |