

Preliminary Usability Test Results Presentation

Process of Usability Test

- Welcomed the participants to the Usability Test Session.
- Asked if the participants were okay with being recorded.
- Shared the consent form with them and received their approval.
- Asked pre-test questions and recorded their response.
- Described the scenario to them and they conducted the test based on it.
- After they were done testing post-test questions were asked.
- Thank participants and ended the meeting.
- All the meetings were conducted on zoom.

Participants Information

- A total of 7 participants participated.
- Except for one none of them had prior knowledge of Java programming.

Pre-Test Questions Results

Have you ever participated in a usability test before?

Response



■ Yes ■ No

What device are you going to use for this test?

Response



■ Mobile ■ Laptop ■ Tablets

Pre-Test Questions Results

Are you a graduate student?

Response



■ Yes ■ No

Do you have previous programming experience?

Response



■ Yes ■ No

Test Scenario

- The participants will upload Java files or write Java code in the code box.
- The participants will click on “Check code” to see if any anti-pattern is getting detected in their code.
- The participants added the changes in their code to fix the issues they were receiving.

Post Scenario Question

Did you find difficulty in understanding the application?

Response



■ Yes ■ No

Did you find the navigation easy?

Response



■ Yes ■ No

Post Scenario Question

Did you face any difficulties while testing the app?

Response



■ Yes ■ No

Are you satisfied with the functionality provided by the app?

Response



■ Yes ■ No

Bugs

- When participants click on “Check code” after making the changes the same critiques are shown without removing the one already being shown.
- In the new critiques, no styling is applied.
- It adds unwanted spaces in the text box.
- Not all critiques were shown.
- Always responded to the first syntax error.

Recommendations provided by Participants

- It would have been better if the app provided some suggestions on how to fix the error.
- The app to be more verbose on what the error is.

Things participants like about the App

- The critiques were shown right below the line where the error was detected.
- The overall navigation and styling of the app.

Thank You
