

**Preliminary
Usability Test
Results
Presentation for
Esports MTStats**

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Arrangements for Testing

- Reminder email was sent a day before or on same day with consent attachment
- The test was conducted in-person at Library
- Each test involved 2-3 developer, a participant and me

Participant's Information

- 6 people
- Never participated in usability test before
- Hardware - Laptop with touchpad
- Software knowledge - Not much idea about Spring Boot, but having knowledge of other programming language like python
- Stable Internet

Testing Process

- Conducted a pre-testing questionnaire in person
- Ran through 2 scenarios with descriptions
- Measured time taken to complete each scenario
- Took notes on overall testing observations
- Asked questions regarding each scenario
- Conducted a post-testing questionnaire in person

Pre-Testing Results

Please indicate your level of agreement to the following statement: I am very interested in the testing of this application

Strongly agree

Have you ever used an application before, in which you enter your game scores

No

Have you ever participated in a usability test before

No

How frequently do you use similar applications

No

Test Scenario - 1

The participant is an authorized user who is using the app for the first time. The participant who wants to see the excel to analyze the records. The participant has the application access and valid username and password. The participant will click on the **“Events”** tab to see the **“Export”** button and then excel will get downloaded.

Test Scenario - 2

The user should be able to properly login and logout of the application after navigating to all the tabs of application. The login, logout and if the user forgets the password, then resetting option should work successfully with utmost time efficiency. All the possible ways to get the application access should work the same.

Random navigation with in between logging in/out

Bug Report

Bug Number	Bug Name	Bug Description	Severity
1	Excel has dd/yy	The excel had date mentioned as dd/yy and not the actual	Needs attention (solved)
2	Uploading Picture	The picture in profile page was unable to upload	Needs attention (in-progress)
3	Styling issues	The result is declared as boolean value, the heading was not bold	Needs attention (solved)

Participant's Recommendation

- Titles can be bold
- Toaster
- Condensed
- Instead of plain display - newsflash
- Help option

Challenges

- Estats is the application specifically designed and understood by people related to Smash Bros.
- Certain Spring Boot things

Post-Test Results

How easy or difficult was it for you to use the application

Yes - 5, Ok - 1

Were there any steps in the process that were confusing or unclear to you while resetting the password - **No**

How did you find the application in all terms

Overall, summed up opinion is user satisfiable according to design, functionality and ease of use

End Note

- Each test session took around 20 - 25 min
- Friendly environment
- Post each session, discussion and dividing task to fix issues

Credits

Thank you to

Professor: Prof. Robert Pastel

Scientist: Kaitlyn Roose – Director of Esports

Developers:

Max Jorgensen, Colin Van Delden, Austin Keene, Aakash Gunda, Jamarri Jackson, Ellyse Angus

Special thanks to all the participants for co-operating

Thank You!