# Course: CS411 HCI Spring 2017

Instructor: Dr. Zubair Malik

# **Project Task 6: Heuristic Evaluation of group Scheduler**

Evaluator #A: Zeeshan Muzammal (Bscs13010)

Evaluator #B: Usama Latif (Bscs13001)

Evaluator #C: Usman Sarwar (Bscs13047)

**Problem Statement**

Scheduler is a mobile app that facilitates the teachers, students and other faculty members of a university to manage their time more effectively and efficiently.

**List of Violations**

**H2 1 Visibility of system status / Severity 1 / Found by A, B, C**

There is no status or introduction on the home page of the app. The user can guess the functionality or purpose of the app but they need to go through it. So, there should be an introduction on the starting page of the app.

**H2 3 User control and freedom / severity 3 / Found by A, C**

There should be an emergency exit button in the app so that if the user accidently presses the wrong option then he can return to the home page by selection the exit button

**H2 4 Consistency and standards / severity 2 / Found by B, C**

There is no consistency in the font of the starting page. Three headings are bold but the fourth heading is not. Also, font size of one heading is not same as the other three headings.

**H2 10 Help and documentation / severity 2 / Found by A, B**

There is no option of help or about in the app. If the user gets stuck or don’t know what to do with any specific option he cannot ask for help as there is no such option in the app to help the user out.

**H2 1 Visibility of system status / severity 4 / Found by B, C**

There is no space to enter the desired information after an option is selected from the first page. Like a user selects the Professor option then the app does not ask for the name of the professor.

**H2 4 Consistency and standards / severity 3 / Found by A, B, C**

When the user selects the Degree option there is no consistency in the result as there is a heading of Wednesday at the end of the resulted page and the entries of Wednesday are written on the other page.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Category** | **# Viol.**  **(sev 0)** | **# Viol.**  **(sev 1)** | **# Viol.**  **(sev 2)** | **# Viol.**  **(sev 3)** | **# Viol.**  **(sev 4)** | **# Viol.**  **(Total)** |
| H2-1: Visibility of Status | 0 | 1 | 0 | 0 | 1 | 2 |
| H2-2: Match Sys & World | 0 | 0 | 0 | 0 | 0 | 0 |
| H2-3: User Control | 0 | 0 | 0 | 1 | 0 | 1 |
| H2-4: Consistency | 0 | 0 | 1 | 1 | 0 | 2 |
| H2-5: Error Prevention | 0 | 0 | 0 | 0 | 0 | 0 |
| H2-6: Recognition not Recall | 0 | 0 | 0 | 0 | 0 | 0 |
| H2-7: Efficiency of Use | 0 | 0 | 0 | 0 | 0 | 0 |
| H2-8: Minimalist Design | 0 | 0 | 0 | 0 | 0 | 0 |
| H2-9: Help Users with Errors | 0 | 0 | 0 | 0 | 0 | 0 |
| H2-10: Documentation | 0 | 0 | 1 | 0 | 0 | 1 |
| **Total Violations by Severity** | **0** | **1** | **2** | **2** | **1** | **6** |

|  |  |  |  |
| --- | --- | --- | --- |
| **Severity /**  **Evaluator** | **Evaluator A** | **Evaluator B** | **Evaluator C** |
| sev. 0 | 0 | 0 | 0 |
| sev. 1 | 1 | 1 | 1 |
| sev. 2 | 1 | 2 | 1 |
| sev. 3 | 2 | 1 | 2 |
| sev. 4 | 0 | 1 | 1 |
| **total (sev. 3 & 4)** | **2** | **2** | **3** |
| **Total (all severity levels)** | **4** | **5** | **5** |

|  |  |  |  |
| --- | --- | --- | --- |
| **Severity /**  **Evaluator** | **Evaluator A** | **Evaluator B** | **Evaluator C** |
| sev. 0 | 0% | 0% | 0% |
| sev. 1 | 100% | 100% | 100% |
| sev. 2 | 50% | 100% | 50% |
| sev. 3 | 100% | 50% | 100% |
| sev. 4 | 0% | 100% | 100% |
| total (sev. 3 & 4) | 66.6% | 66.6% | 100% |

**Summary Recommendations**

Throughout our heuristic evaluation we focused mainly on finding the missing options or standards in the starting pages of the app. The prototype developer paid slightly less attention to the starting pages of the app. We look forward to see how the missed options are developed and redefined in the hi-fi prototype.

The main user interface issues were focused around visibility of system status and consistency and standards. These two main areas need improvement in interactivity and flexibility. Options like emergency exit and help should be present in the app to help the user to interact with the app in a better and more effective way. Usability of the app can also be improved by adding some extra features and by removing some irrelevant options. Overall the app is quite easy to use. A person who do not have any knowledge about the app can still use the app easily. Some information and guidance at the start of the app is missing otherwise it is a quite good app.

We liked the idea on which the app was implemented. It’s a quite good idea which will help the university management, teachers and students a lot. We think that the app has a good clean interface overall. This app has great potential and with some extra work it will become a great app.