HCI

NATIONAL UNIVERSITY
of Computer & Emerging Sciences

Course: CS2007 Human-Computer Interaction

Instructor: Lecturer Zeeshan Khan

Submitted by:

Muhammad Rehan | 22P-9106

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Assignment no 4

Question No. 1
Lack of Shortcut Availability

Violation: Flexibility and Efficiency of Use
URL: flexstudent.nu.edu.pk

Image of the Violation: [Video link](#)

The complaint raised regards the absence of keyboard shortcuts in the Flex interface, which is a violation of **Shneiderman's** principle of **"Flexibility and Efficiency of Use".** This principle emphasizes the importance of allowing users to tailor frequent actions, often through the use of shortcuts. In the case of the Flex interface, the lack of keyboard shortcuts prevents users from accelerating their interaction with the system, hence reducing their efficiency and productivity.

A well-designed user interface should cater to both inexperienced and experienced users by offering multiple ways of interaction. For experienced users, shortcuts can expedite task completion and enhance the user experience. Therefore, the absence of keyboard shortcuts in Flex is a significant shortfall, particularly considering that its primary user base comprises tech-savvy individuals who would likely prefer and benefit from such features.

I have attached a video showing how efficient flex is with keyboard shortcuts.