Name: Parsa Bagheri
ID: 951406684
CIS 443/543: User Interfaces
Script

      Hi, my name is Parsa Bagheri, I am a computer science student. This user study is part of a class project for CIS 443/543: User Interfaces taught by Dr. Anthony Hornoff. The program that I am running this user study on, sets the time and the day by the input that you provide and outputs auditory and visual information. The goal of this study is to evaluate this program and see how user friendly and easy it is to use. I will be having you perform a few tasks in two different versions of this program. This study will take 5-10 minutes. Your participation in this study is entirely voluntary and you may stop and quit at any point for any reason.

      If it is at all possible for you, would you please think aloud; meaning that speak whatever comes to your mind, all your goals, thoughts and concerns.

      I will be telling you a set of days and times and your task will be to set the day and time using the program. This program uses only three keys, *J, K,* and, *SPACE,* on the keyboard or their corresponding buttons on the screen (there is a button guide provided on the screen). Afterwards I will be switching to a different version of the program and will have you set the day and time again. I won't be explaining the functionality of the program anymore and nor will I provide any help (unless you are stuck in a task for a relatively long time; i.e. a minute on a task, and it begins to get frustrating), as the purpose of this study is to see how easy the user will find the program to use.

_ AT THIS POINT I WILL START THE PROGRAM, START

RECORDING AND WILL HAVE THE PARTICIPANT START USING

THE PROGRAM.

Questions:

1. What did you think?

2. How did you do the tasks?

3. Did you notice any differences between the two systems?

4. How did you figure out how the calendar worked?

5. Did the system respond as you expected? Always?

6. Was there anything about the task that seemed particularly easy or difficult?

7. Do you think the calendar is easy or difficult to use?

8. Is there anything else that you would like to share about this?

9. Those are all of my questions. The study was designed for the hypothesis

below. Do you have any questions for me?

As I mentioned in the beginning of the study, the goal of this study is to see

how comprehensive this program is. As you have noticed, in the first version of

the program the key mappings were as follows: *J* as forward, *K* as backward,

SPACE BAR as set. On the other hand, the second version of the program used

these key mappings: *J* as left, *K* as right, and *SPACE BAR* as set, and also the

outlined was changed a little bit to match the key mappings. The goal was to see

whether the stimulus-response compatibility has any effect on the speed and

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accuracy of you performing the task. The first version was stimulus-response

incompatible and the second was compatible. Please if you have any questions

and feedbacks, I would be more than happy to hear them.