Human Computer Interaction – Spring 18

Assignment 1 (due Wednesday, 14th Feb 2018 at beginning of class)

Question 1 (to be done individually)

The purpose of this question is to give you further practice in observing how other people interact with an everyday device, trying to perform a well-defined task, and to reflect on why some devices are simple to use, and others are hard to use.

For this assignment, use an automated banking machine (ATM) for a deposit and for a withdrawl, from walk up to walk away. Write down the steps involved (like a simplified task analysis), and then inspect the interface and the interaction for anything that would pose a problem for the user in completing the two tasks.

Question 2 (can be done in groups of 3 or 4 people – cross sections groups allowed)

Test the retroactive and proactive interference theory as discussed in class. The no of participants must be at least 10. Note that if three people are in your group, they should not approach the same person three times and count the same person as three. All the 10 people must be different.

Use same type of names for both the test and control groups. The names can be of mountains, rivers, cities, states, countries, etc. Do not use simple river names like Ravi, Chennab, Indus etc, or names like Punjab, Sind, Baluchistan etc.

While submitting the assignment, list all the names that you used, and do some basic statistical analysis. There is no need to perform hypothesis testing or some advanced statistical methods, simple graphs/ mean etc. will be enough for this assignment.