

Cognitive Aspects

Assessment Task Number 4

- 1) Some argue that too much white space on web pages is detrimental to search. Do you agree?
- 2) What is Cognition?
- 3) Describe how cognition has been applied to interaction design
- 4) Write down how an ATM works
 - How much money are you allowed to take out?
 - What denominations?
 - If you went to another machine and tried the same what would happen?
 - What information is on the strip on your card? How is this used?
 - What happens if you enter the wrong number?
 - Why are there pauses between the steps of a transaction? What happens if you try to type during them?
 - Why does the card stay inside the machine?
 - Do you count the money? Why?

1. Yes

2. Cognitive systems learn and interact naturally with humans to extend what either humans or machine could do on their own. Cognitive systems help human experts make better decision by penetrating the complexity of Big Data.

3. Nowadays, humans' cognitive aspects have become more and more important for interaction design. Cognition refers to what goes on in human's mind when they carry out everyday activities. It involves lots of cognitive processes, such as thinking, remembering, learning and decision making. Through study these humans' cognitive process, the developers of interaction system can be better at understanding users' psychological characteristic during the process of interacting with computer systems.

4. - Daily ATM withdrawal limits can range from 50,000.00 up to 10,000 a day, depending on the bank and the account; some banks charge different amounts depending on which tier of service you've signed up for.

- 500 and 1,000

- A magnetic stripe card is a type of card capable of storing data by modifying the magnetism of tiny iron-based magnetic particles on a band of magnetic material on the card. The magnetic stripe, sometimes called swipe card or magstripe, is read by swiping past a magnetic reading head.

- If you have entered your ATM pin wrong in three attempts, then the card gets automatically blocked. It will get automatically unblocked after 24 hours and you can use after the said time.
- To process the information./ Make sure that the users are aware what are happening./ After every step, the machine needs to process the information to see if it is valid and hence there are pauses between steps.
- At times, people may use their bank card without knowing the balance they have in their bank account. If they have insufficient balance or zero balance, the ATM machine may hold their bank card.
- Also if the machine runs out of money, it may issue the last note, and leave you short. In which case the bank should pick it up automatically when the machine reconciles; but it is always best to notify the bank. ... So it's always best to count the money at ATM itself.