

Welcome to the HCI Course

COM 402 and COM 507 T

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Cell No of my TA :7358571557; I am good at emails!

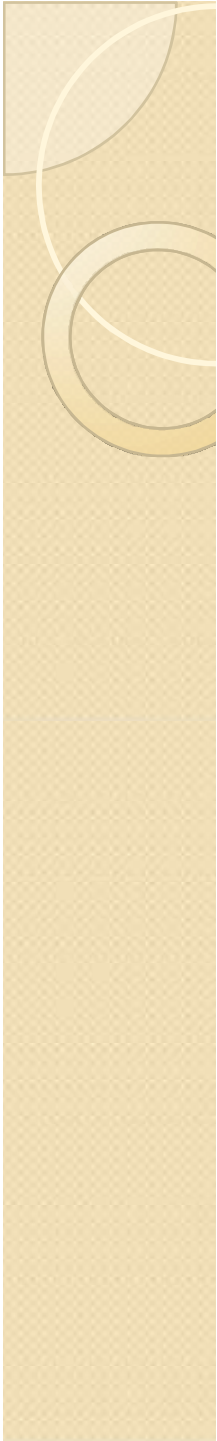
My TA will be active both at email / cell !

WhatsApp – I am Void ; My TA is mutable type in all modes !

✓ What is HCI? – Human Computer Interaction ; other famous acronyms such as **MMI** – Man Machine Interface ; **HMI** – Human Machine Interface; **CHI** – Computer Human Interface; **IxD** - Interaction Design

✓ Infact there is a famous ACM SIGCHI conference...

✓ We will stick to the common term of HCI

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- ✓ HCI is the **Study of Usability and Its Practice**
 - ✓ – Understanding or creating software and other technology that **people will want to use, will be able to use and will find effective when used.**
 - ✓ In essence HCI focusses on Usability concepts and **methods to encourage it, achieve it and measure it.**
 - ✓ Also viewed as **Design of Interface ranging from**
 - ✓ **Unimodality v/s multimodality ;**
 - ✓ **Intelligent Adaptive v/s Command / Action based ones**
 - ✓ **Active v/s passive interfaces**

A Very recent (as recent as Yesterday Design (Mis) Adventure as a User)

- A website wants to restrict its user in terms of attachments size (say photo, signature, etc..) - **understandable** from the server storage mgmt point of view.
- Carried it too far by restricting users to **upload images of size 331 * 329**
- Guess its hardcoded in the validation (width and height values...) – user mental model – resize using famous tools such as MS Picture Manager, etc.. – which **resize focusing aspect ratio maintenance!**
- And to make life worse – the feedback says **validation.dimensions in red** but the upload box displays the file name uploaded (not in fact!) on mouse over...

Other Design Observations over the years;

- Earlier Course Feedback Tool – all options were accepted using a drop down menu.. Each question had I guess 8 or 10 options and then around 15 questions... and if I recall the course name also had to be picked by the user...
- Eventually people adapt – mastered users of the tab key.
- Similar eg. In Abroad University recommendation sites –
- Some pages are really pathetic – wrong design choices, no feedback etc.
- Some like stanford – very simple – one point upload!! Their users are faculty and shud we mention our absent mindedness!!!