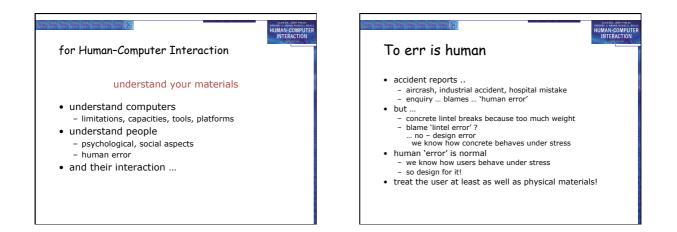
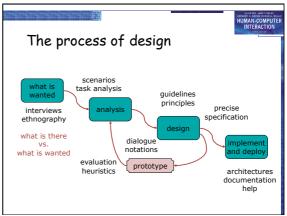
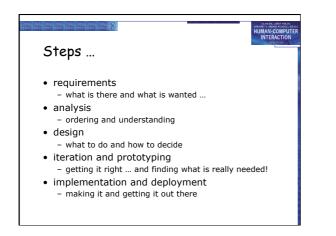


HUMAN-COMPUTER



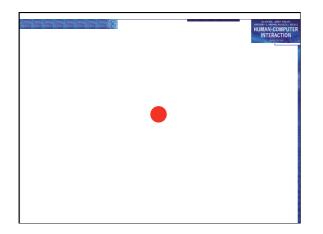


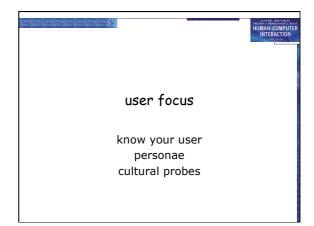






HUMAN-COMPUTER





know your user

- who are they?
- probably not like you!
- talk to them
- watch them
- use your imagination

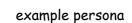
persona

- description of an 'example' user
 not necessarily a real person
- use as surrogate user – what would Betty think
- details matter
 makes her `real'



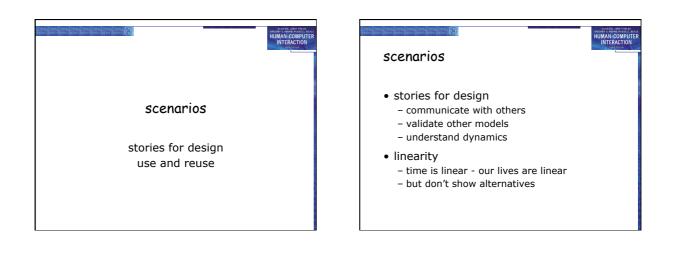
HUMAN-COMPUTE INTERACTION

HUMAN-COMPUTEI



Betty is 37 years old, She has been Warehouse Manager for five years and worked for Simpkins Brothers Engineering for twelve years. She didn't go to university, but has studied in her evenings for a business diploma. She has two children aged 15 and 7 and does not like to work late. She did part of an introductory in-house computer course some years ago, but it was interrupted when she was promoted and could no longer afford to take the time. Her vision is perfect, but her right-hand movement is slightly restricted following an industrial accident 3 years ago. She is enthusiastic about her work and is happy to delegate responsibility and take suggestions from her staff. However, she does feel threatened by the introduction of yet another new computer system (the third in her time at SBE).





HUMAN-COMPUTE

scenarios ...

- what will users want to do?
- step-by-step walkthrough

 what can they see (sketches, screen shots)
 what do they do (keyboard, mouse etc.)
 what are they thinking?
- use and reuse throughout design

Brian would like to see the new film "Moments of Significance" and wants to invite Alison, but he knows she doesn't like "arty" films. He decides to take a look at it to see if she would like it and so connects to one of the movie sharing networks. He uses his work machine as it has a higher bandwidth connection, but feels a bit guilty. He knows he will be getting an illegal copy of the film, but decides it is OK as he is intending to go to the cinema to watch it. After it downloads to his machine he takes out his new personal movie player. He presses the 'menu' button and on the small LCD screen he scrolls using the arrow keys to 'bluetoth connect' and presses the select button. On his computer the movie download program now has an icon showing that it has recognised a compatible device and he drags the icon of the film over the icon for the player. On the player the LCD screen says "downloading now", a percent done indicator and small whirling icon.



