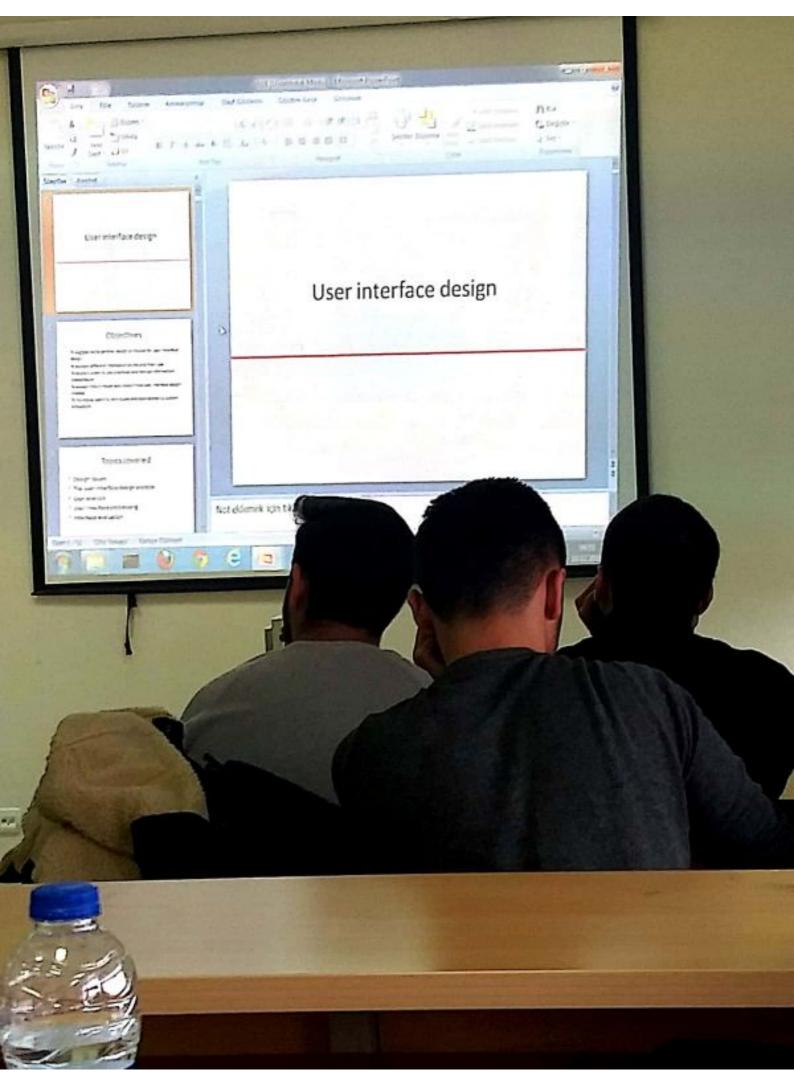


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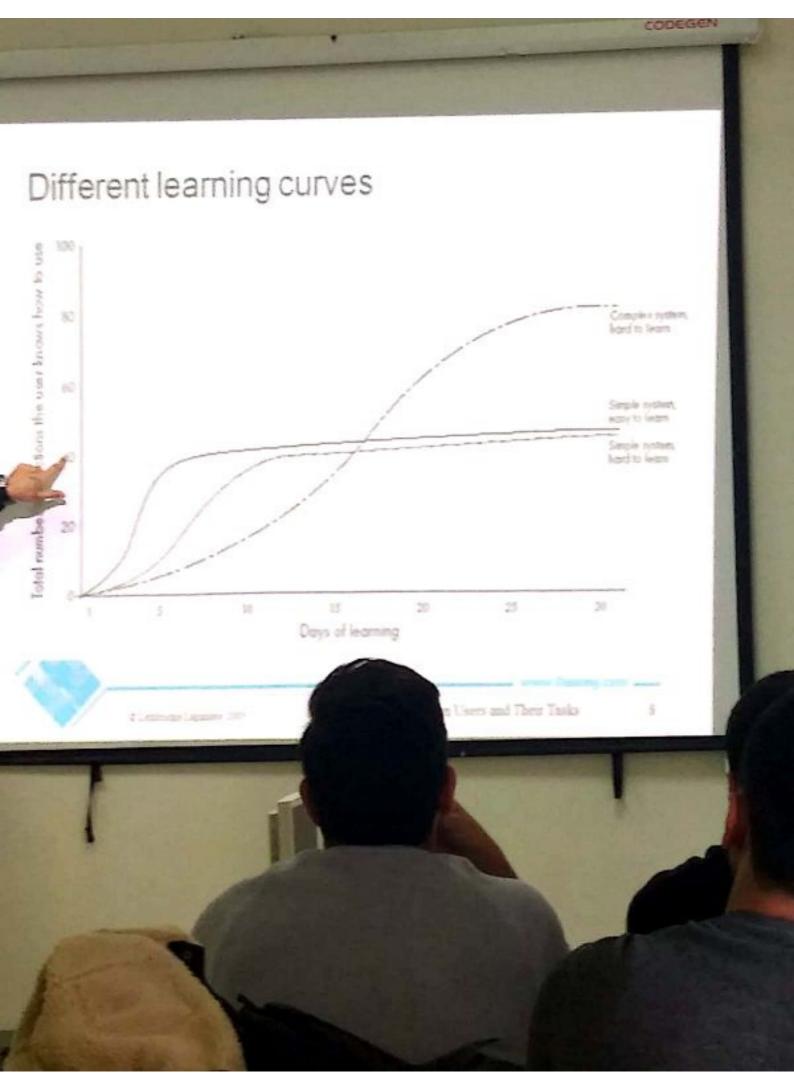




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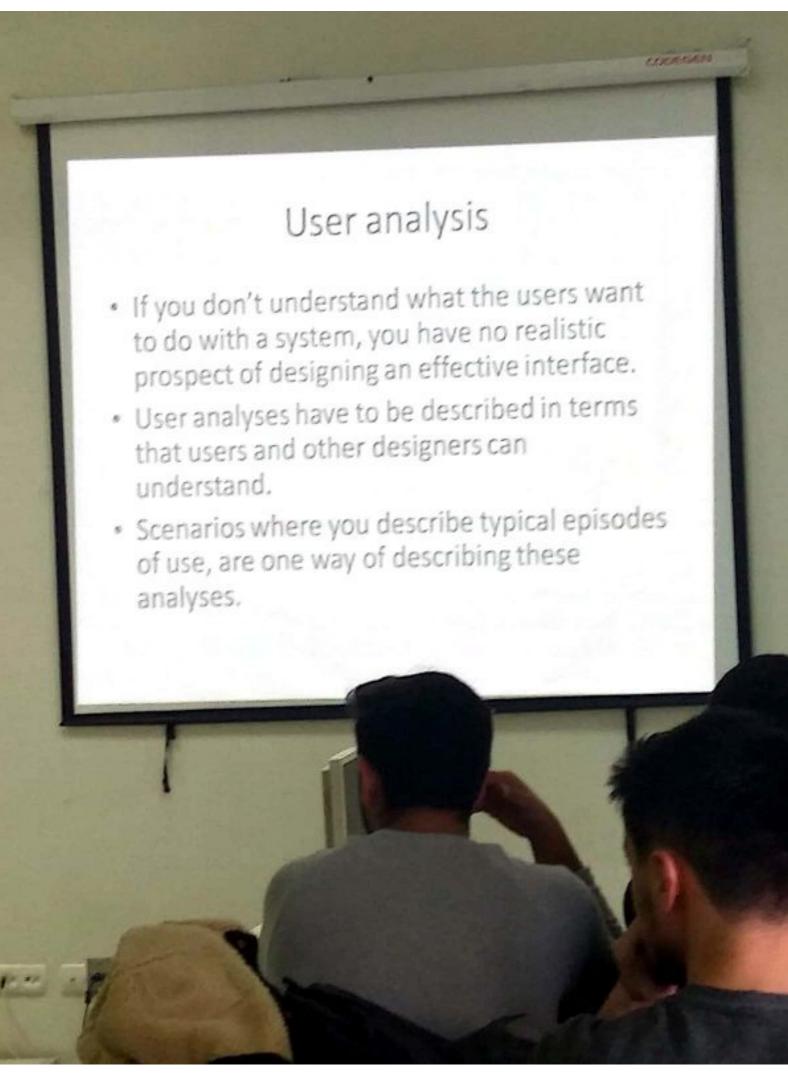
## Design factors in message wording

Factor	Description
Context	Wherever possible, the messages generated by the system should reflect the current user context. As far as is possible, the system should be aware of what the user is doing and should generate messages that are relevant to their current activity.
Experience	As users become familiar with a system they become irritated by long, meaningful messages. However, beginners find it difficult to understand short terse statements of a problem. You should provide both types of message and allow the user to control message conciseness.
Skill level	Messages should be tailored to the user's skills as well as their experience. Messages for the different classes of user may be expressed in different ways depending on the terminology that is familiar to the reader
Style	Message's should be positive rather than negative. They should use the active rather than the passive mode of address. They should never be insulting or try to be funny.
Culture	Wherever possible, the designer of messages should be familiar with the culture of the country where the system is sold. There are distinct cultural differences between Europe, Asia and America. A suitable message for one culture might be unacceptable in another.









## Aspects of usability

## Usability can be divided into separate aspects:

- · Learnability
  - —The speed with which a new user can become proficient with the system.
- · Efficiency of use
  - How fast an expert user can do their work.
- Error handling
  - The extent to which it prevents the user from making errors, detects errors, and helps to correct errors.
- · Acceptability.
  - The extent to which users like the system.





## 7.2 Characteristics of Users

Software engineers must develop an understanding of the users

- · Goals for using the system
- · Potential patterns of use
- Demographics
- · Knowledge of the domain and of computers
- · Physical ability
- Psychological traits and emotional feelings

