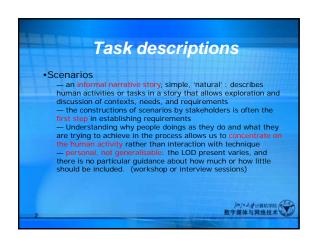
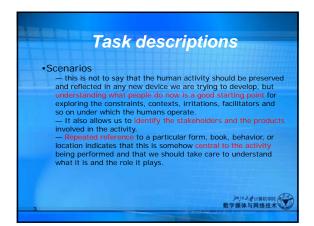
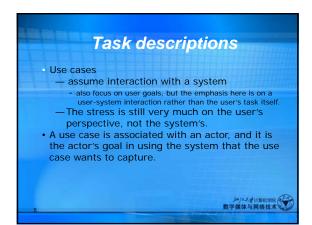
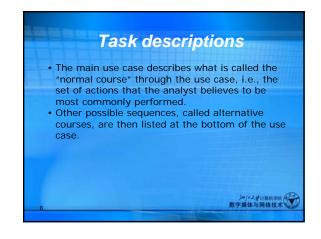
## Task descriptions Business Scenarios - commonly used as the basis for acceptance testing Task descriptions are used throughout development, from early requirements activities through prototyping, evaluation, and testing due to the emphasis on involving users earlier in the development lifecycle Different flavors of task descriptions —Scenarios —Use cases —Essential use cases —may be used to describe either existing tasks or envisioned tasks with a new device. —not mutually exclusive

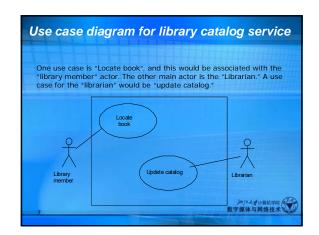


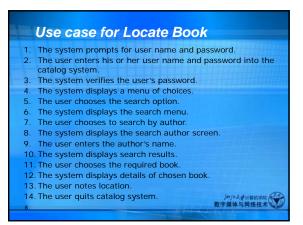


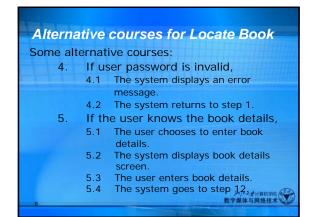
Scenario for library catalog service
'Say I want to find a book by George Jeffries. I don't remember
the title but I know it was published before 1995. I go to the
catalog and enter my user password. I don't understand why I
have to do this, since I can't get into the library to use the catalog
without passing through security gates. However, Once my
password has been confirmed, I am given a choice of searching by
author or by date, but not the combination of author and date. I
tend to choose the author option because the date search usually
identifies too many entries. After about 30 seconds the catalog
returns saying that there are no entries for George Jeffries and
showing me the list of entries closest to the one I've sought. When
I see the list, I realize that in fact I got the author's first name
wrong and it's Gregory, not George. I choose the entry I want and
the system displays the locations to tell me where to find the book."

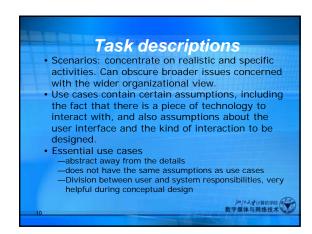


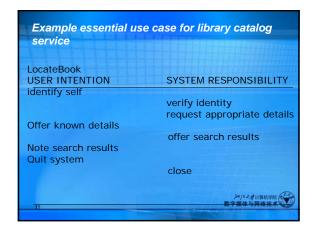


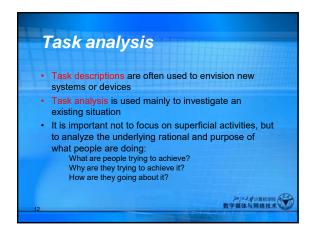


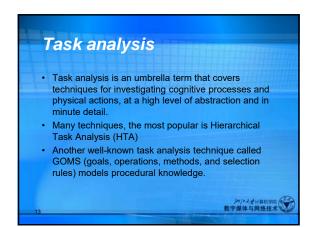




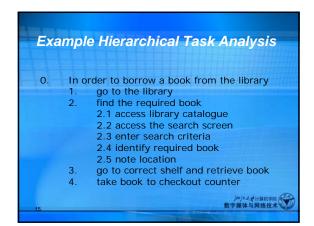


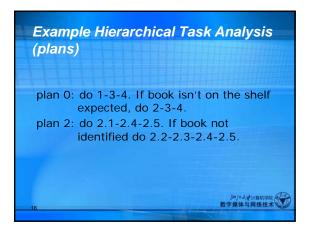


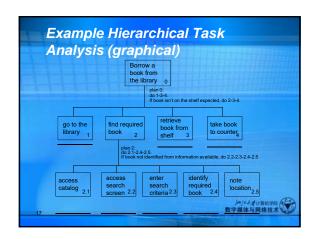


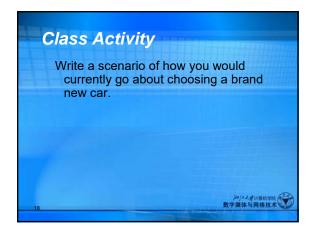


## ### Hierarchical Task Analysis Involves breaking a task down into subtasks, then sub-sub-tasks and so on. These are grouped as plans which specify how the tasks might be performed in practice HTA focuses on physical and observable actions, and includes looking at actions not related to software or an interaction device Start with a user goal which is examined and the main tasks for achieving it are identified Where appropriate, tasks are sub-divided into subtasks









## Summary

- Getting requirements right is crucial
- There are different kinds of requirement, each is significant for interaction design
- The most commonly-used techniques for data gathering are: questionnaires, interviews, focus groups and workshops, naturalistic observation, studying documentation
- Scenarios, use cases and essential use cases can be used to articulate existing and envisioned work practices.
- Task analysis techniques such as HTA help to investigate existing systems and practices

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