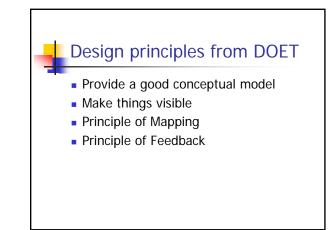
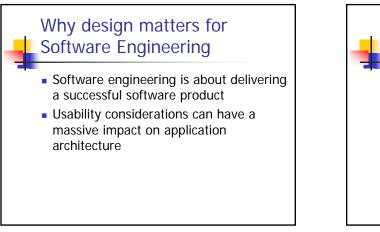
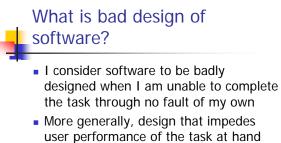
### Lecture 13 CSE 403

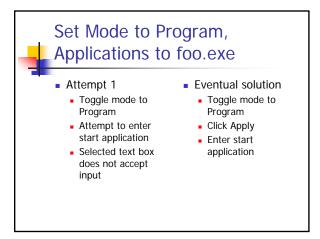
User oriented design

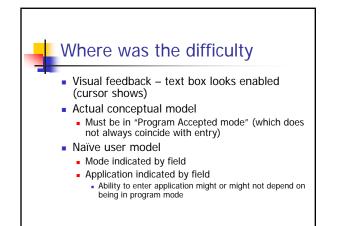




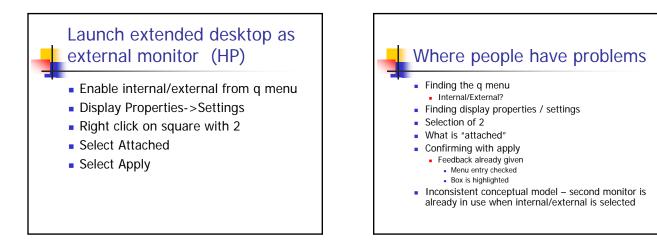


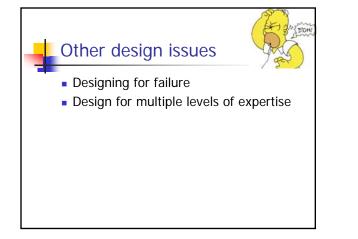












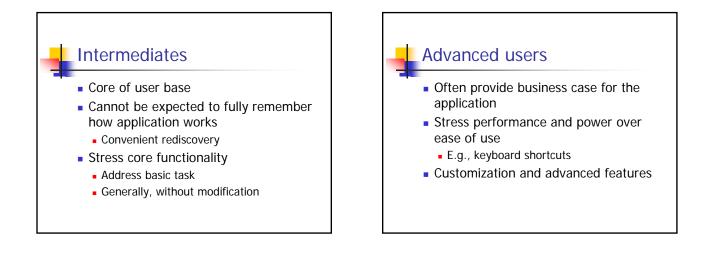


## Multiple levels of expertise

- Beginner
- Intermediate
- Expert
- In order to be successful, applications generally must cater to both intermediate and expert users
- Catering to beginners is only important in order to get them to intermediacy

#### Beginners

- Do not accomplish useful work with the application
- In general, do not represent a viable market
- However, it is essential for beginners to rapidly become competent
- Tutorials, scaffolding, help facilities, training wheels, . . .



## Involving the user in design

Initial conversations with users are to understand the users' tasks and domain, not to co-design the application with the user

# Understanding user tasks

- Job application evaluation
- Pinball design
- Restaurant management