Midterm 2 Study Guide

- Ch. 7: Menus & Forms
- Ch. 8: Command & Nat. Language
- Ch. 9: Interaction Devices
- Ch. 10: Collaboration
- Ch. 11: Quality of Service
- Ch. 12: Function & Fashion
- Discussion questions from http://www.aw-bc.com/dtui
Ch. 7: Menu & Forms

- Types of menus–linear, tree-structured, acyclic
- Tree-structured menus & organization
- Menu shortcuts
- Data entry through forms

Ch. 8: Command & Nat. Language

- What are command languages?
- Types of natural language interaction
  (closely related to Ch. 9.4)
- Advantages/disadvantages of each
Ch. 9: Interaction Devices

- Fitts’ Law
- Speech recognition (nat. language)
- Displays—large format/immersive, or small/handheld


- How did the authors modify Fitts' law to scrolling?
  - Basically, the original Fitts’ Law involves putting a point into a box, while this variant involves putting a box around a point.
- What is the crossover effect?
- What are the pro/cons of the scrollwheel and ScrollPoint devices?
Ch. 10: Collaboration
- 2-by-2 time/space matrix of collaborative interfaces
  - Same/different time/space
- Goals of collaboration

Ch. 11: Quality of Service
- Response time factors, e.g. network bandwidth
- Managing user expectations/frustration

Ch. 12: Function & Fashion
- Color, Error messages