The Design Process

Formulate the problem statement
  - What is the problem?
  - Distill the problem into a concise goal statement

Investigate the background and state-of-the-art

Develop functional specifications

Generate concepts for solutions
  - Brainstorming
  - Mock-ups and quick prototypes

Select the most promising concept
  - Analysis and selection criteria
  - Design review

Fall
  - Detail design 4-6 wks.

Spring
  - Build a prototype 4-6 wks.

  - Evaluate (test) 6 wks.

  - Iterate

  - Document 2 wks.