# Exam Three Study Guide

- Scrum positions
  - Scrum is metaphor
  - Comes from rugby term
  - Def. 2 is short iterative meeting
  - Scrum positions: master, product owner, team members
- User-centered design from The Design of Everyday Things
  - Article in canvas; snippets out of a book
- UI vs UX
  - User interface: how experience comes off, as natural as possible
    - Short article, The Eight Golden Rules, 8 things that should be in UI
      - Consistency, universal useability, information feedback (if submitted or clicked, have info feedback that it's done), dialogue to yield closure (make it clear that user is getting to the end goal), make errors impossible, easy reversal actions, internal locus of control, short term memory load
  - User experience
- Principle of Closure
  - Have clear beginning and closing end points
- Types of design consistency   (3)
  - Platform consistency
- Good error processing design
  - Minimize keystrokes
- Types of testing
- Considerations of UI
- Implementations vs deployment
  - Implementation is building the system
  - Deployment is putting it out in the work setting and installing it
- Systems analysis
  - About understanding how the system work and what kind of symptoms that occur when it is not understood
  - What you want done and why you did it
- Data base schema and keys
  - Primary, foreign, deposit keys
- Functional requirements
  - Logical requirements that the system does to get it's tasks done
  - Non-functional is to do with performance
- Packaged software, when appropriate
  - Not for signature activities
- Cloud computing considerations
- Use-case testing
  - This type of testing should always be used and done
  - Only involves testing user interactions
- Significant difference relative to use-case testing
- Design activities
  - Structure and behavior
  - Activity diagrams to show sequence of events
  - Class diagram shows structure
- Adaptive methodologies
  - Different types, longest is systems life design cycle (not adaptive), scrum is shortened version
- Reversal actions
- Numbering exception conditions
  - One of the diagrams, the exception conditions will need to be numbered