

Name:

Student Number:

## Software Engineering 1 - Quiz 3 (Take Home)

Due Wed Nov 6, 2013

Please answer the following:

1. Most requirements documents are both complete and consistent (circle one) True      False
2. Types of non-functional requirements include?
  - A. System, Component, External
  - B. Product, Organizational, External
  - C. Product, Domain, Organizational
  - D. Functional, System, Product
3. All requirements engineering processes have the following three main activities:
  - A. Design, Analysis and Management
  - B. Verification, Elicitation & Analysis, Management
  - C. Management, Elicitation & Analysis, Validation
4. Match the Following Elicitation & Analysis stages with their correct description (write the letter or draw a line to the write one):

A. Discovery <u>W</u>	V. Categorizing and grouping requirements
B. Prioritization & Negotiation <u>Y</u>	W. Interacting with stakeholders to find new requirements
C. Classification <u>V</u>	X. Documenting requirements, making them precise using metrics
D. Specification <u>X</u>	Y. Ranking requirements in order of importance
4. Requirements Discovery techniques include:
  - A. Reviews, Prototyping, Test-case generation
  - B. Reviews, Interviews, Scenarios
  - C. Classification, Reviews, Scenarios
  - D. Interviews, Scenarios, Ethnography

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5. Why is requirements validation so important?
- A. Users constantly change requirements
  - B. Requirements are normally imprecise
  - C. Requirements are very important to finish before development
  - D. Errors in requirements cost a lot to fix
  - E. Documentation needs to be finished before validation
6. Verifiability is making sure you can track new requirements: True False  
Verifiability = making sure requirements can be tested
7. Comprehensibility is making sure you understand requirements: True False
8. Adaptability is making sure the software can change: True False  
Adaptability = making sure requirements can change
9. Traceability is making sure you can track new requirements: True False
10. New requirements may show up:
- A. During development
  - B. After the system is being used
  - C. None of the above
  - D. A and B
11. In this phase of change management, the impact of the change is assessed:
- A. Problem analysis
  - B. Change Specification
  - C. Change analysis and costing
  - D. Change implementation
12. Use case diagrams are a part of the RUP standard: True False