Software Engineering

Bachelor of Science in Computing



Assignment

Submission Date: <TBD>.

Use Word (.doc) document to describe a software project of your choice to provide the following pieces of information with respect to lectures covered

- a. Problem Statement and Vision Statement
- b. Appropriate Software Execution Model
- c. A walkthrough describing different Agile development phases that you will pass during its development assuming you are a team of 8 developers. Also explain its shippable product increments after each sprint.
- d. Develop and break your Product Backlog into Sprint Backlogs for elaboration.
- e. Develop 2 Personas, 2 Scenarios and at least 10 User Stories
- f. Identify Features from User Stories to include in your product backlog
- g. Appropriate Software Architecture with diagram (explain in 1 line your decisions on Arch. Design per design Issue)
- h. Appropriate Security Architecture (Centralized/ Distributed)

Good luck

The more you sweat in peace, the less you bleed in war.





© This presentation (Powerpoint) was adopted from the original distribution by the original author (Ian Sommerville) under a <u>Creative Commons License</u>, <u>Attribution 2.5</u> <u>UK:Scotland</u>. In short, the instructor has adapted this material for use according to course delivery plans and you may reuse/ distribute the original content but, must include a credit to the original author (Ian Sommerville) and you must not place any more restrictive conditions on its use.