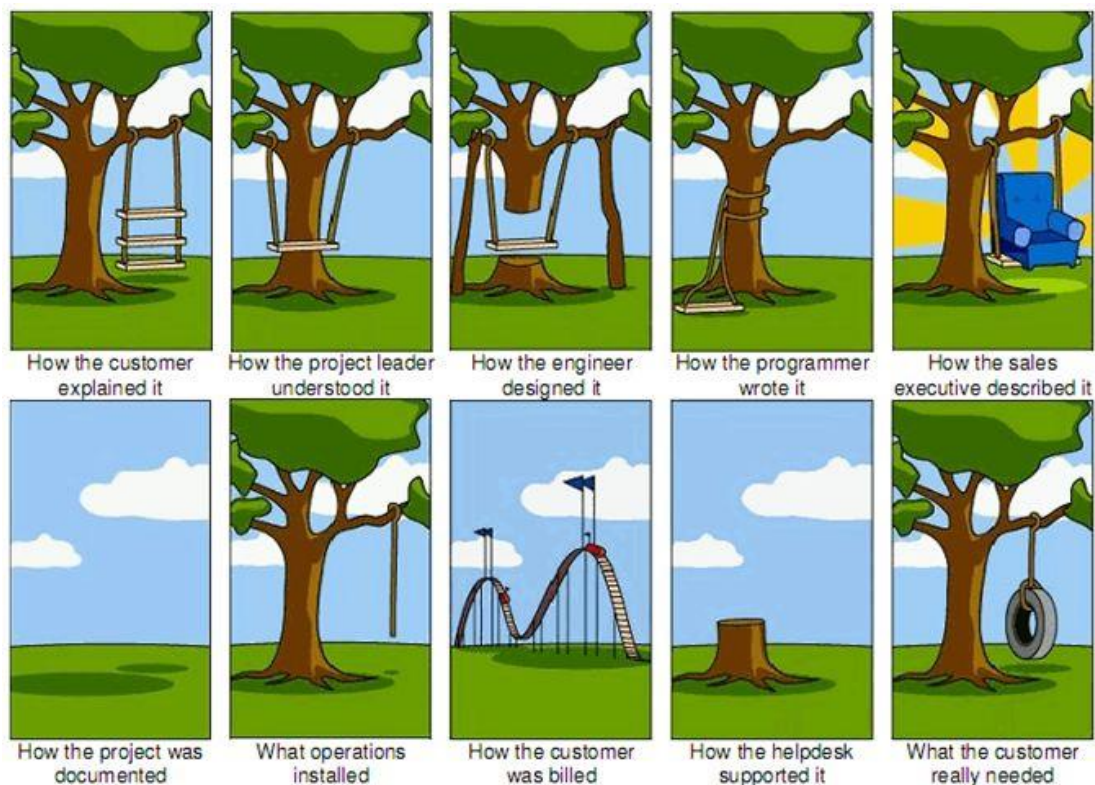


Tutorial 02: Software Processes

Instructions:

Prepare the answers with a PowerPoint file. State your names and student ID on the file.

Q1. The following cartoons show a scenario of a project. What are the implications of the scenario in the situation of software development?



Q2. What are four principal requirements engineering activities? Explain which one is the most crucial one.

feasibility study
requirement specification

Requirements elicitation and analysis
Requirements validation

Q3. Suggest the most appropriate software process model that might be used as a basis for managing the development of the following systems. Give reasons for your answer based on the type of system being developed.

sufficient requirement collection can be made.
(only from the enterprise staff)

- A payroll system for an enterprise
- An interactive travel planning system that helps users plan journeys

incremental model:
it faces to public, meaning there are lots of feedback from customers, further change of functionality can be made based on those feedbacks. The change of business environment may lead to system change. It is easier to get customer feedback on the development work that has been done.

waterfall-model:
as it only face to the enterprise staff, limited feedback can be collected compared to using incremental development method. Changes may not be made in future

insufficient requirements can be collected during the specification phases, therefore incremental developing method is more suitable for this situation, as the system can be more complete while more feedbacks are received in future
init version can be developed while limited requirements are received