

BACS2033 Software Requirements Engineering

Tutorial 1

Chapter 1

1. With the aid of an example, discuss the **THREE (3)** main dimensions of SRE.
2. Recently you have been assigned to work on a project to implement an e-commerce system for a manufacturing company. This is the first time that your team ventured into this type of project implementation. You found that most of the client staff is not clear about the new system requirements. Furthermore, they were reluctant to accept the new system.
 - a) Discuss the **requirements engineering process** that your team would perform for the above mentioned project. State the **output(s)** for each activity in the requirements engineering process.
 - b) Give and explain **TWO (2)** functional requirements and **TWO (2)** non-functional requirements for the above system.
3. Differentiate **Process requirements** from **Product requirements**.
4. Discuss any **TWO (2)** obstacles to good requirements engineering practice in a software project.
5. Give **ONE (1)** example for each part below to show:
 - a. Overlaps of functional and non-functional requirement
 - b. Overlaps of non-functional requirement
6. Discuss the relationship of **Agile Development** with **Requirements Engineering (RE)**.