



Lab Sheet [4]

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Section [02]

 <div>Universiti Malaysia PAHANG</div> <div>Engineering • Technology • Creativity</div>	FAKULTI SISTEM KOMPUTER & KEJURUTERAAN PERISIAN			MARKAH: <div>/ 10</div>
	MATAPELAJARAN: SOFTWARE PLANNING AND REQUIREMENT WORKSHOP			
	TOPIK: Requirement	KOD: BCS2333		
	PENILAIAN: Lab Sheet	BIL: 4	MASA: 3 Hours	

Instructions:

1. This work should be done individually. But you are allowed to discuss with your colleague.
2. Mark will be given to the exercises that submit at the end of the lab session.
3. All your assumption and work (including your calculation) must be clearly stated in this lab sheet.
4. You are required to develop your charts by using the tools provided.
5. Submit softcopy at the end of lab session.

Tasks:

Q1. Requirements elicitation aims at reconciling domain knowledge requirements and use case requirements. Explain the difference between these two kinds of requirements.

Q2. What is the difference between a survey and a questionnaire in requirements determination and similar tasks?

Q3. How is actors in a business use case diagram different from external entities in a context diagram?

Lab sheet 3

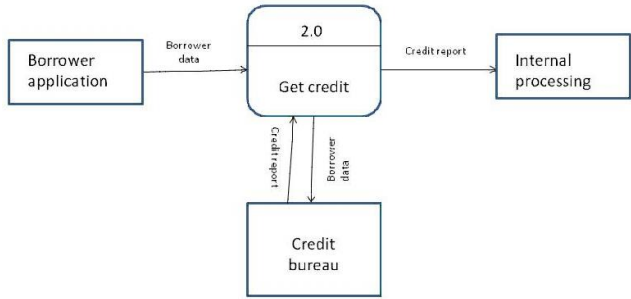
Requirements elicitation aims at reconciling domain knowledge requirements and use case requirements. Explain the difference between these two kinds of requirements.

<i>Domain Knowledge Requirements</i>	<i>Use Case Requirements</i>
<ul style="list-style-type: none">◦ domain journals and reference books◦ ERPSs◦ using Internet searches	<ul style="list-style-type: none">◦ Organizational documents<ul style="list-style-type: none">• including procedures, policies, descriptions, plans, charts, internal and external correspondence◦ System forms and reports (if prior computer system exists)<ul style="list-style-type: none">• record of change requests (defects and enhancements)
General time independent business rules and processes	Capture the unique character of the organization

What is the difference between a survey and a questionnaire in requirements determination and similar tasks?

<i>Survey Method</i>	<i>Questionnaire Method</i>
Surveys differ from questionnaires in that they can be open ended and in depth. Surveys elicit truth and honest responses when used as interviews unlike questionnaires which are prepared in a manner to irritate the respondent and they need not generate genuine responses' from the respondents.	Questionnaire uses a specific set of questions asked of a representative sample to obtain specific data.

How is actors in a business use case diagram different from external entities in a context diagram?

<i>Actors [use case diagram]</i>	<i>External Entities [context diagram]</i>
Tend to focus more on the goals of 'actors' who interact with the system, and do not specify any solution.	System boundaries, external entities that interact with the system, and major information flows between entities and the system.
Actor as a role played by an entity that interacts with the subject.	External entities interact with the data interfaces to achieve target process
<p>Use graphic design that clarifies the interfaces and boundaries of the project or process at hand.</p> <p>Etc.</p> 	<p>Use many different drawing types to represent external entities (oval, clip art, pictures, stick figures)</p> <p>Etc.</p> 