

Lab Sheet /Assignment [1]

NUR SYUHAIDAH BINTI ISMAIL [CB13006]

Section [02]

BCS2333 SOFTWARE PLANNING & REQUIREMENT WORKSHOP 2013/2014/1



FAKULTI SISTEM KOMPUTER & KEJURUTERAAN PERISIAN			MARKAH:
MATAPELAJARAN: SOFTWARE PLANNING AND			
REQUIREMENT WORKSHOP			
TOPIK: State	KOD: BCS2333		/ 10
PENILAIAN: Lab Sheet	BIL: 1	MASA: 3 Hours	

NO MATRICES: CB13006

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:

Based on your finding from few resources. Please describe the differences for below position. Explain five roles and responsibilities for each of it: (remember it must relate to Software or IT field)

- 1. Project Manager
- 2. Business Analyst
- 3. Software Developer
- 4. Quality Assurance Manager
- 5. Software Designer
- 6. Test Manager

	Roles	Responsibilities
Project Manager	 Developing the project plan Managing the project team Managing the project schedule Managing the project conflicts Managing the project stakeholders 	Ensure consistent, on-time execution of agency work across all disciplines, orchestrate workflow and resources on client initiatives and ensure integrated use of client assets and brand guidelines.
Business Analyst	 Planning and monitoring. Translating and simplifying requirements. Requirements management and communication. Assisting with the business case. Eliciting requirements. 	Understanding of customersøneeds in relation to the performance of the business and the provision of competitive commercial solutions.
Software Developer	 Maintaining the systems once they are up and running Preparation of training manuals for users Testing the product in controlled, real situations before going live Presenting ideas for system improvements, including cost proposals Reviewing current systems 	Ensure that subsequent users can diagnose and fix any problems that might arise in a system, as well perform any maintenance.
Quality Assurance Manager	 Ensuring the products meet certain standards of quality. Coordinate quality assurance programs. Formulate quality control policies. Improve an organization's efficiency and profitability by reducing waste. Monitoring performance 	Ensuring that manufacturing processes comply with standards at both national and international level.
Software Designer	 Build flexible data models and seamless integration points. Recommend strategic improvements to optimize performances. Design, develop and implement program and process improvements. Design and implement test scripts on test tools and scripting languages. Perform analyses and interpretations of strategies and software applications. 	Figure out what a program should do based on user needs, then create and test it to ensure its functionality.
Test Manager	 Negotiating the on-going purpose and deliverables of the test effort Ensuring the appropriate planning and management of the test resources. Assessing the progress and effectiveness of the test effort. Advocating the appropriate level of quality by the resolution of important Defects Advocating an appropriate level of 	Manage and implement an effective testing process to ensure that the organization as a whole clearly understands what is and what is not being tested for the current release.

testability focus in the software development	
process	

REFERENCE:

1. http://en.wikipedia.org/wiki/