




Lab Sheet [3]

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[CB13006]

Section [02]

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

NO MATRICES : _____

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:

Project failures are the result of the multiplicity of risks inherent in software project environment. Software development projects are collections of larger programs with many interactions and dependencies. It involves a creation of something that has never been done before although the development processes are similar among other projects.

Q1. Identify 10 software risk items to be addressed by software development projects.

Q2. Based on your research, discuss two software development risk management processes.
(Write down references for this question)

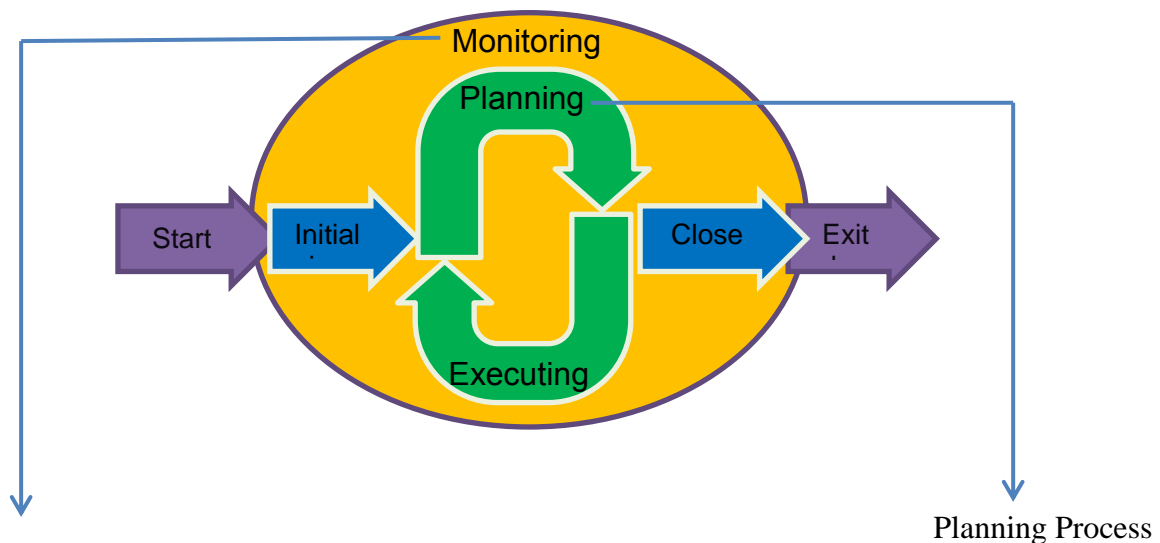
Lab sheet 3

Identify 10 software risk items to be addressed by software development projects.

Components of software development risk are:

1. Personnel Shortfalls
2. Schedule Problems
3. Wrong size estimates
4. Requirement changes
5. Changes in timetable
6. Faced with features, functions and interface
7. Managing project complexity
8. Actual cost vs. Estimated cost
9. Success in externally performed tasks.
10. Estimation of software and hardware capabilities

Based on your research, discuss two software development risk management processes.



Monitoring & Controlling Process

The Monitoring and Controlling process oversees all the tasks and metrics necessary to ensure that the approved and authorized project is within scope, on time, and on budget so that the project proceed with minimal risk. This process involves comparing actual performance with planned performance and taking corrective action to yield the desired outcome when significant differences exist. Monitoring and Controlling process is continuously performed throughout the life of the project.

The purpose of the Project Planning Phase is to identify and document scope, business requirements, tasks, schedules, costs, risk, quality, and staffing needs. This phase include all the activities necessary for the project office to establish the project staffing, project infrastructure and stakeholder accountability, along with all the project management plans, including the appropriate levels of pre-planning documentation for the follow-on phases.