

Software Engineering IISolved AssignmentsSemester Spring 2010

Assignment 1

A software xyz company is developing IT Services and products for different organizations. Most of their projects, when delivered to the customer didn't fulfill the customers' expectations. During the testing phase they found lot of defects which require more cost and resources to fix them. As a result most of their projects fail or they have to modify the project in order to make it according to the customer's expectations. At the moment they have their own ad-hoc process model for Software Development. Now Company hired you as a project manager. So as a project manager:

Q No.1: Identify the reasons why project fails?

Answer. A number of reasons contribute to Projects Failure. Some of them are outlined below.

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The product scope is poorly defined.

One of the main reasons of Project failure is that Project scope is not clearly defined. The Scope Statement should include the list of users using the product, as well as the features in the resulting product, however, when any of these things are missed or are not given too much importance in the Project Scope Statement, then Projects usually fail, or if they succeed, then they succeed only after so many changes.

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Changes are managed poorly.

Another reason for failures of software project is that Changes in the existing system are managed poorly. Changes can be changes in the existing system or even changes in the other aspects of software projects, like deadline of software.

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Businesses needs change or are ill-defined.

When the business needs change and are not managed properly then the result is software failure. Business Needs should also be defined clearly in Software Requirements documents.

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Deadlines are unrealistic.

This happens when the deadlines of software change unexpectedly. If not managed properly, software fails.

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The project team lacks people with appropriate skills.

As we know that software engineers work on projects that do not belong to their domain. So, when the software engineer could not understand the domain of the software correctly, then it results in project failures. Even if succeeded, software includes lot of bugs which are fixed time to time, and thus cost of software project increases.

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Miscommunication among Project members

Miscommunication among Project Staff also leads to software failures. When software developers do not interact with each other to solve problems that they face, then the software development usually takes more time than it should.

