ACS 567 – Software Project Management

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SWEBOK Knowledge Area : Software Engineering Management

Focus:

Software Engineering Management addresses the management and measurement of software engineering. That said, there are several things about a software engineering, that make it this measurement a very difficult task. Management in general is defined as planning, measuring, coordinating, monitoring and reporting on the development of component, which is software in this case.

Major Steps:

- Initiation and scope definition, which deals with the decision to initiate a software engineering project.
- Software project planning, which addresses the activities undertaken to prepare for successful software engineering from a management perspective.
- Software project enactment, which deals with generally accepted software engineering management activities that occur during software engineering.
- Review and evaluation, which deal with assurance that the software is satisfactory
- Closure, which addresses the post-completion activities of a software engineering project
- Software engineering measurement, which deals with the effective development and implementation of measurement programs in software engineering organizations

Experience:

The importance of measurement and its role in better management practices is widely acknowledged, and so its importance can only increase in the coming years. Effective measurement has become one of the cornerstones of organizational maturity.