

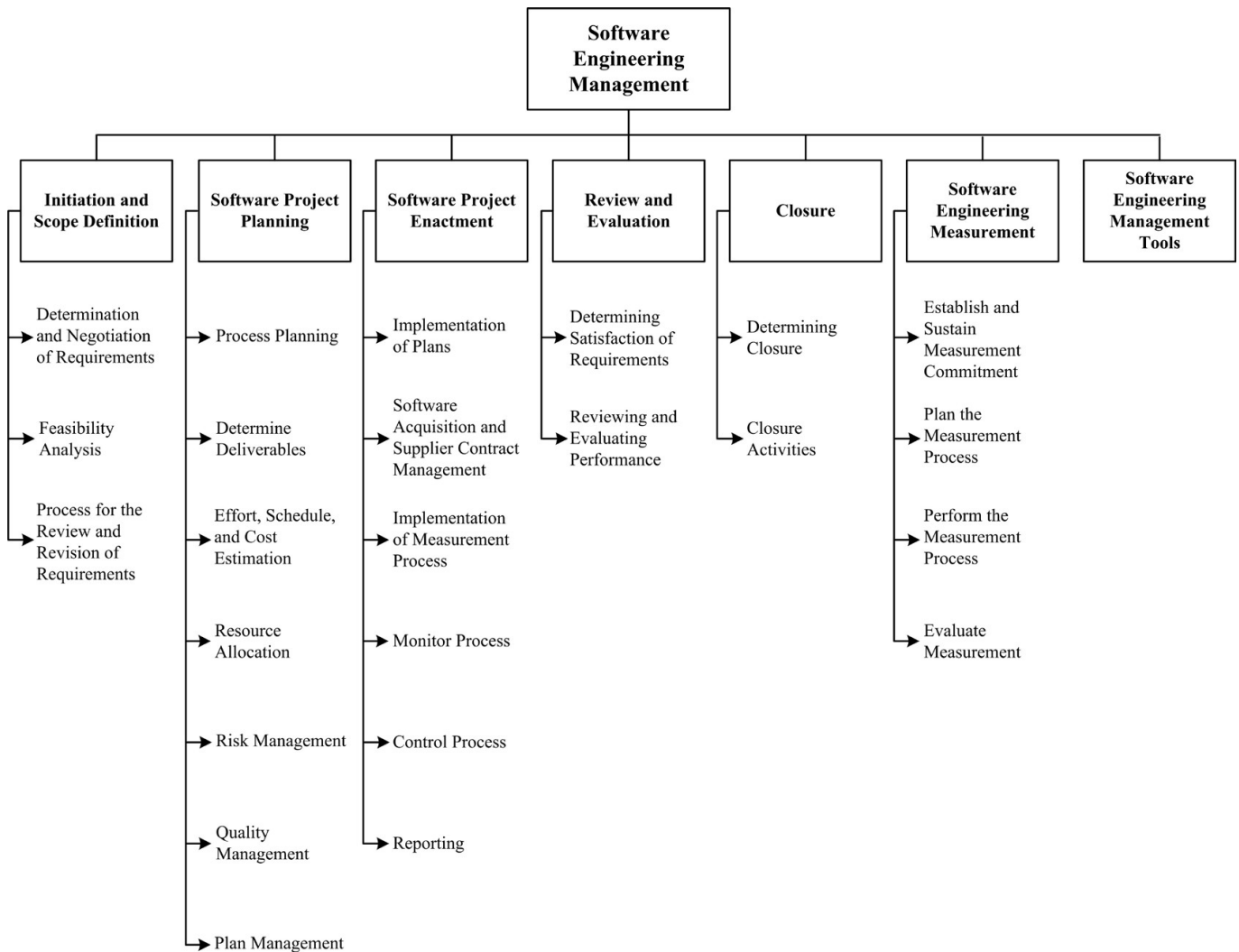
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Software Engineering Management

SWEBOK

Software engineering management can be defined as the application of management activities — *planning, coordinating, measuring, monitoring, controlling, and reporting* — to ensure that software products and software engineering services are delivered efficiently, effectively, and to the benefit of stakeholders.



— http://swebokwiki.org/Chapter_7:_Software_Engineering_Management

Source: [SWEBOK](#)

Snippet from [Wikipedia](#): **Software engineering**

Software engineering is an engineering-based approach to software development. A **software engineer** is a person who applies the engineering design process to design, develop, test, maintain, and evaluate computer software. The term *programmer* is sometimes used as a synonym, but may emphasize software implementation over design

and can also lack connotations of engineering education or skills.

Engineering techniques are used to inform the software development process, which involves the definition, implementation, assessment, measurement, management, change, and improvement of the software life cycle process itself. It heavily uses software configuration management, which is about systematically controlling changes to the configuration, and maintaining the integrity and traceability of the configuration and code throughout the system life cycle. Modern processes use software versioning.

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External links:

- <https://www.geeksforgeeks.org/software-engineering-project-management-process/>

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