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**Subject: Software Engineering**

Short description: Soft Development Life Cycle is the cycle of the entire software development project from the idea to deployment in distinct phases or steps. It is used for better planning and management of the project.

[Describe 3]

There are 3 types of models

The Waterfall model, the Prototyping model and the Agile Model

The waterfall model is a simple, straight forward model which is easy to describe the phases in the cycle of the project, but however it has no validity which means the only time the client gets to see the project is when it is “finished”. Also, problems discovered at an early stage cannot be resolved easily.

The prototype model is a model to develop a fully-fledged project and gives the project workers to clarify requirements to ensure they are met for a better-quality result. The flaws however is that planning and estimation may be a challenge and too many changes in requirements or other problems will lead to a corrupt software and increased price for the client.

Lastly, the Agile Method or a type of Incremental Model, is a cycle in which the product is developed in rapid cycles resulting in faster deployments. Each release of the project is to ensure quality is maintained. It is good for clients who wish to have new builds and updates faster. The flaws however are it would increase the challenge for large projects and poorly specified requirements will easily derail the project.