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One Page Summary of SDLC MODELS Papers

The Software Development Life Cycle, also known as SDLC, is a process used by software developers to design, develop, test, and deploy projects. The purpose of SDLC is to help produce high-quality software that meets or exceeds customer expectations while keeping delivery on time, within budget, and is easy to maintain and upgrade.

The typical SDLC includes the following stages: planning, defining, designing, building, testing, and deployment. Each of the stages play a crucial role in creating a product, however, some activities may be performed after the main development is complete. In larger projects, each stage may be extremely complex and must be broken down into even smaller steps.

The stages are all found and followed in each of the many SDLC models. The most important and popular models are the Waterfall, Iterative, Spiral, V, and the Big Bang Model. These models are used as a formula to develop the project.

SDLC is introduced in many programs, including the IBM Rational Jazz. It provides many models for software developers to choose from and guides them to deploy their project.

In conclusion, SDLC is a very effective method in software development which helps developers plan and manage their products. Many companies take advantage of the process to deliver high-quality projects.