SDLC - SUMMARY

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This was about the various SDLC models available and the scenarios in which these SDLC models are used. The information in this tutorial will help the project managers decide what SDLC model would be suitable for their project and it would also help the developers and testers understand basics of the development model being used for their project.

We have discussed all the popular SDLC models in the industry, both traditional and Modern. This tutorial also gives you an insight into the pros and cons and the practical applications of the SDLC models discussed.

Waterfall and V model are traditional SDLC models and are of sequential type. Sequential means that the next phase can start only after the completion of first phase. Such models are suitable for projects with very clear product requirements and where the requirements will not change dynamically during the course of project completion.

Iterative and Spiral models are more accommodative in terms of change and are suitable for projects where the requirements are not so well defined, or the market requirements change quite frequently.

Big Bang model is a random approach to Software development and is suitable for small or academic projects.

Agile is the most popular model used in the industry. Agile introduces the concept of fast delivery to customers using prototype approach. Agile divides the project into small iterations with specific deliverable features. Customer interaction is the backbone of Agile methodology, and open communication with minimum documentation are the typical features of Agile development environment.

RAD *RapidApplicationDevelopment* and Software Prototype are modern techniques to understand the requirements in a better way early in the project cycle. These techniques work on the concept of providing a working model to the customer and stockholders to give the look and feel and collect the feedback. This feedback is used in an organized manner to improve the product.

The Useful Resources section lists some suggested books and online resources to gain further understanding of the SDLC concepts.

Keep visiting to us. Happy Learning!

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