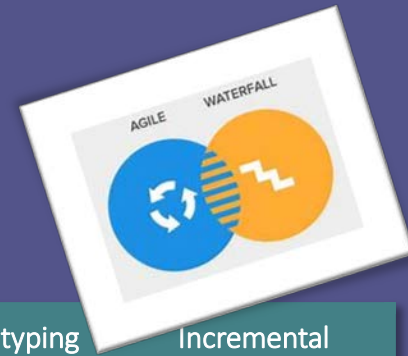


Comparative Analysis for SDLC Model

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Overview

SDLC includes the software processes used to specify and transform software requirements into a deliverable software product. Well-known SDLCs include the waterfall, incremental, and spiral models plus various forms of agile software development [2]

Objectives

To compare the various of SDLC models in particular of some features such as type of software, user involvement, complexity of system, etc.

References

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- [5] Asma Aziz, *Brief Comparison of SDLC Models*, Edith Cowan University, April 2012
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Features	Agile Model	Fish Model	V-Shape Model	Waterfall Model	Prototyping Model	Incremental Model
Type of Software	General purpose	General purpose	General purpose	User specific	User specific	General purpose
User Involvement	Throughout the SDLC	Throughout the SDLC	Throughout the SDLC	In beginning	Throughout the SDLC	Throughout the SDLC
Suitable if	Requirement is define at beginning	Requirement is define at beginning	Requirement is clearly define at beginning	Requirement is clearly define at beginning	Requirement is changeable	Requirement is clearly define at beginning
Complexity of System	Medium Complexity	Complex	Medium Complexity	Simple	Complex	Simple
Flexibility to Change	High flexible	Flexible	Less flexible	Less flexible	High flexible	High flexible
Product Release	In phases	In phases	In phases	At the end	In phases	In phases
Cost	Low	High	High	Low	High	Low
Expertise Required	High	Medium	Medium	High	Medium	High
Nature of Software	New system	New system	New system	Existing system	New system	New system