Defining (Designing) Waterfall Requirement Approach Design Coping 4 Unit testing Integration geton toting Maintains

	AIM! Mapping agile development approach with Software development.
	SDLC:
	-> SDIC stands for software development life cycle.  -> It depicts a systematic process that defines the
	Stage involved in developing and deliever Jigh-quality software products
	projects are completed on time, within budget, and
	meet user regulaments.  The mainly has the following stages.
	(i) Planning (ii) Defining (iii) Design (iv) Building (v) Testing (vi) Deployment.
沐	Natesfall Model -> . It is a sequential Model, i.e., phase flow is a
	. It tollaws a strict progression i.e., each phase
	To platines a clear structure and documentation
	of our software development life cycle, i.e., it emphasize detailed planning and documentation
	at each stage.  The is well-suited for projects with close and clear
	requirements beforehand.
*	Meed for Agile Approach (Disadvantages of
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Cyathering Deoign Building

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	Waterfall model)-
	· Waterfall model is inflexible to change in the requirements
	requirements
	. There is a risk of late-stage issue in the waterfall
	There is a risk of late-stage issue in the waterfall approach due to its sequential mature.  The user involvement is limited until the later
	. The user involvement in limited until the later
	Dhaces
	phase, Juses in the waterfall approach.
	phase, Juses in the waterfall approach.
*	Agile Approach -
	. It is a non-sequential approach and focuses on continuous improvement and development of the
	on continuous improvement, and development of the
	collings product.
	- It follows both sterative and incremental development i.e., it provides short sprints with frequent
	i.e., it provides short sprints with frequent
	deliaerables.
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
*	Difference between Agile and Waterfall
	Methodology ->
	Agile Waterfall.
	. Client- input is required. Client input is required
	throughout the product only cetter completing each
	development phase.
	. Changes can be made thanges can't be made
	an any stage of the after the completion of a
	eycle. phase.
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and complex projects.  The circle rown for its  blexibility.	It is vieful for small  project development.  It is known for its  rigidity.  It is sequential approach  software development.
It can be quite complex and difficult to analyse	easy to - understand.

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