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Aspect	Agile Methodology	Waterfall Model
Approach	Iterative and incremental	Linear and sequential
Flexibility	Highly flexible; accommodates changes at any stage	Rigid; changes are costly and difficult
Delivery	Frequent delivery of functional increments	Delivered as a complete product at the end
Customer Involvement	High; customers provide feedback in every iteration	Limited; involvement mainly during requirements gathering
Testing	Continuous testing throughout development	Testing is done only after implementation
Risk Management	Risks are minimized due to frequent delivery and feedback	Risks may surface late in the project
Documentation	Lightweight and focuses on working software	Extensive documentation is emphasized
Examples	E-commerce platforms, mobile apps, startups	Government projects, banking systems, legacy systems