

SOLC

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Assignment - 1

SOLC overview

Requirements

Importance: Identify and document what the software needs to achieve. It ensures that the final product meets user needs and business goals.

How it interconnection: Sets the function for all subsequent Phase



Design

Importance: Provide a blueprint for developers ensuring that the system is scalable, maintainable and meets requirement how it interconnection directly influenced by the requirement design flaws can lead to costly changes during implementation



Implementation

Importance: Translates design into a functional product's quality coding practices are crucial how it interconnection relies on the design phase any changes in design may require rework in implementation



Deployment

Importance: Marks the transition from development to real-world use.

How it interconnected: Deployment may reveal new requirement or - issues