SDLC

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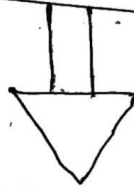
SDLC OVERVIEW

REQUIREMENTS

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

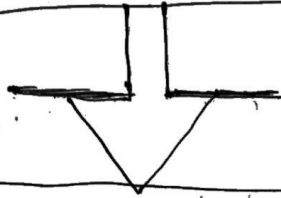How it interconnection: Sets the fundation for all subsequent phases.

DESIGN

Importance: Provides a blueprint for developers, ensuring that the system is scalable, manintainable and meets requiments.

How it interconnection: Directly

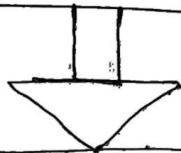influenced by the requirements, design flaws can lead to costly changes during implementation.

IMPEMENTATION

Importance: Translates degsin into a function producti. @ Quality coding practices are crucial.

How it interconnected: Relies on the degin phase, any changes in design many require rework in implementation

DEPLOYMENT

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

How it interconnected: Deployme-nt may reveal new requirements or issues