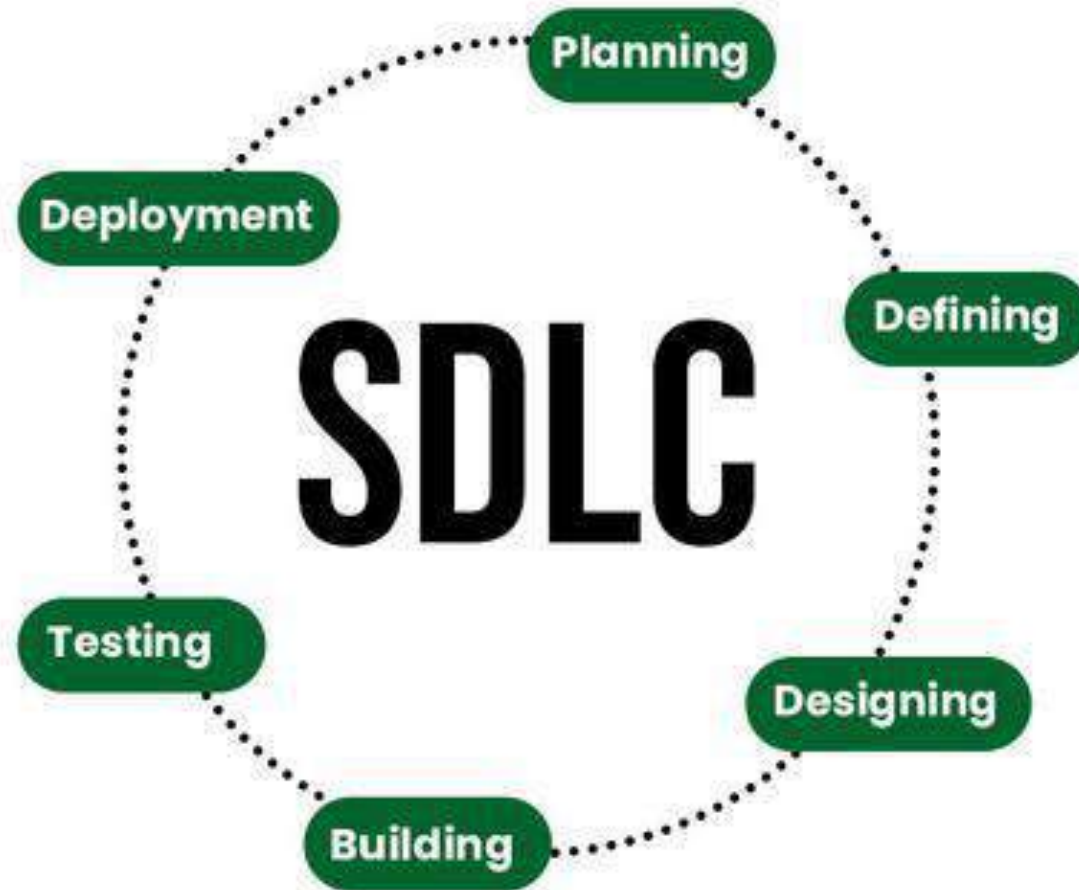# SDLC

BY- VARSINI RAMAKRISHNAN

What is SDLC ?

SDLC stands for **Software Development Life Cycle**, which is a structured process used for developing software applications.

It provides a systematic approach to software development and outlines various stages that ensure the development process is efficient, cost-effective, and produces high-quality software.

Phases of SDLC:

Types of SDLC models:

Each phase must begin after the completion of the before phase.

Combination of Waterfall and iterative which allows incremental releases of product in every iteration of the spiral.

Waterfall   **Iterative**   **Spiral**   **V**

Instead of starting with full requirements , we implement a set of requirements, test and then pinpoint new requirements.

It is known as validation and verification model, in which each phase is associated with a testing phase.

Which is best?

- From my perspective V- model is best for doing a project.
- In V- model we do testing in every phase , so there will be no issue of errors in the last minute