Incremental Model

Topics To be covered

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What is Incremental Model

Incremental Model is a process of software development where requirements are broken down into multiple standalone modules of software development cycle.
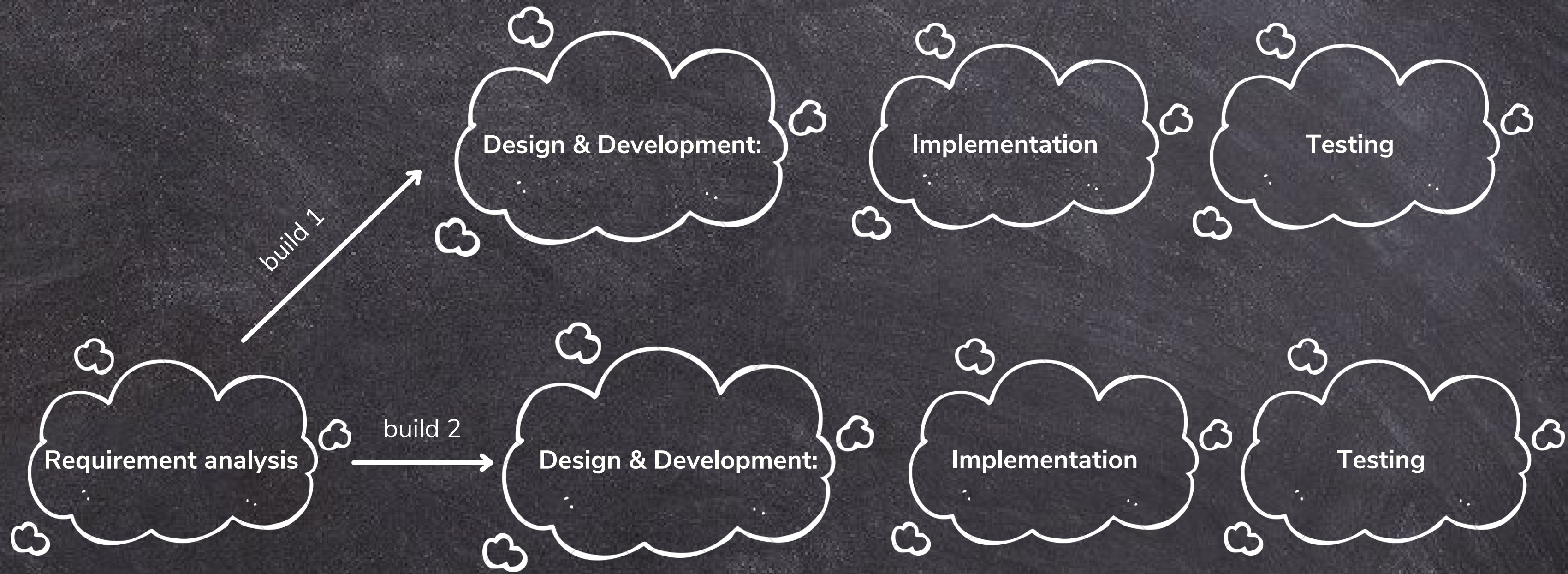
Incremental development is done in steps :-

from analysis :- design, implementation, testing/verification,

The system is put into production when the first increment is delivered.

The first increment is often a core product where the basic requirements are addressed, and supplementary features are added in the next increments.

Once the core product is analyzed by the client, there is plan development for the next increment

Incremental Model Flow

ALPESH DANA

Merits :-

- Testing is included in each step so we can save time and major issues at the end

- The software will be generated quickly during the software life cycle

- It is flexible and less expensive to change requirements and scope

- Throughout the development stages changes can be done

- A customer can respond to each build

- Errors are easy to be identified

RUDRO

De merits :-

1.Definitive analysis required

2.Additonal build incorporation

3.Product is a sequence of builds

4.Size of increments

5.Constant rework compromises quality

Sourav

Applications

1. Some new technology

1. Basic functions can be used

1. Big projects with a long schedule

1. Technology is known before but expected to evolve over time

1. Staffing is unavailable.

Thank you

EXCITED TO ANSWER YOUR QUESTION