

Evolutionary process Models

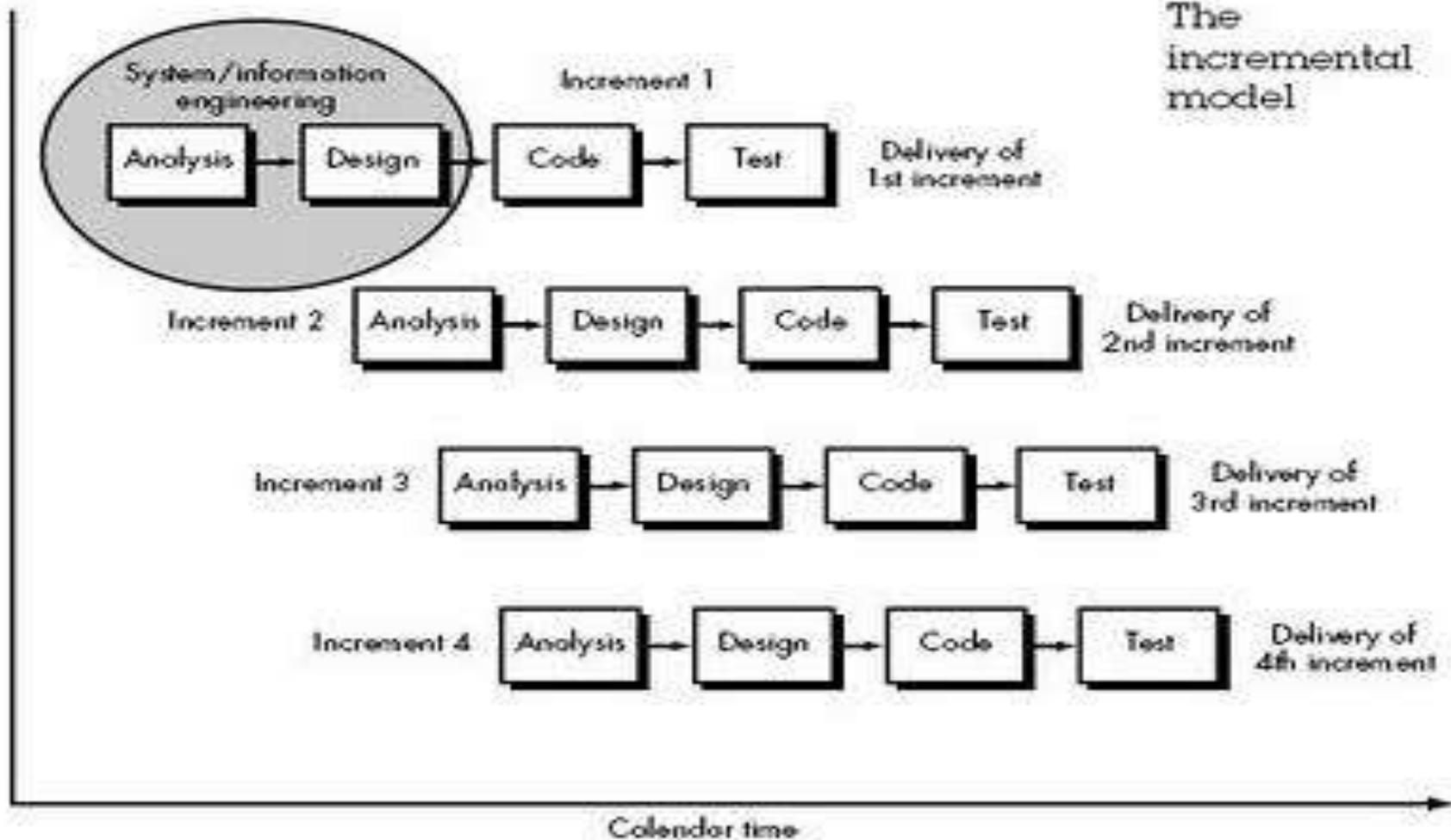
- Evolutionary models are **iterative models**.
- Software engineers to develop increasingly more complete **versions of the software**.
- **Incremental model**
- **Spiral model.**

Incremental model

- Linear sequential model.
- Iterative philosophy of prototyping.
- EX: word-processing ,what's app .etc
- Increment 1 :
- Analysis , Design ,code ,Test
- Increment 2 :
- Analysis , Design ,code ,Test
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- Increment n :
- Analysis , Design ,code ,Test
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Incremental model

The
incremental
model



Spiral model

- Iterative nature.
- Incremental version of the software.
- **Phases :**
- **Customer communication:** effective communication between **developer and customer.**
- **Planning:** resources, timelines, and other project related information.
- **Risk analysis:** **technical and management risks**
- **Engineering:** build one or more representations of the **application**
- **Construction and release:** construct, test, install, and provide user support
- **Customer evaluation:** obtain customer feedback based on evaluation of the software

Spiral model

