

3 / 12 / 2024

Sequential Models

Cons

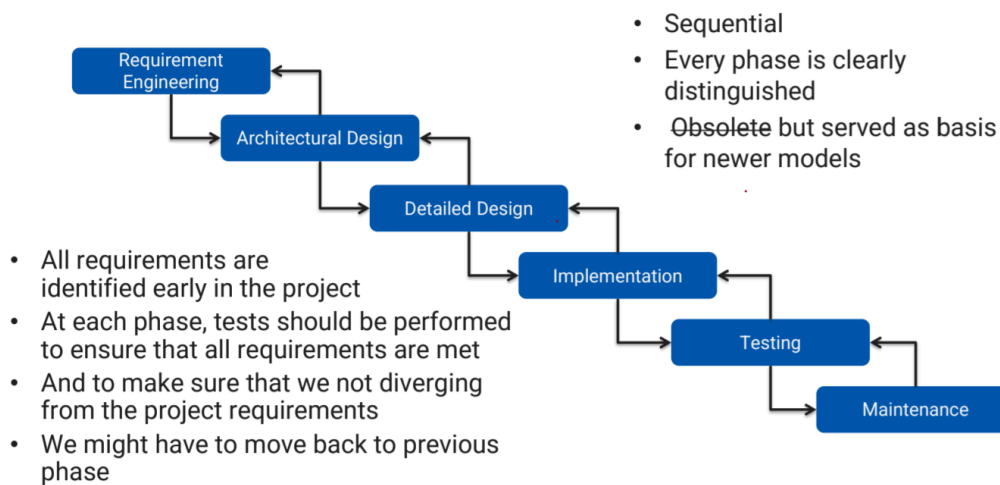
- Slow
- Clumsy
- no feedback til users get the result
- Can't do things in parrallel, so spend more time and cost

Pros

- Simple
- Easy to manage
- Good for short projects

Waterfall Model

WATERFALL MODEL



- Can go back and forth between steps

Requirement Engineering

- Spend very long time on this step, because coming back to this step means throwing away lots of things in other steps.
 - Cost more if this stage fucked

- May be 8 months extended to years
 - bad
- Purpose design, talk to people
 - Everyone has to agree to the design
- there're always idiot users. Fuck them
 - text
 - If this is them, double fuck them
 - Triple

Architectural Design

Detailed Design

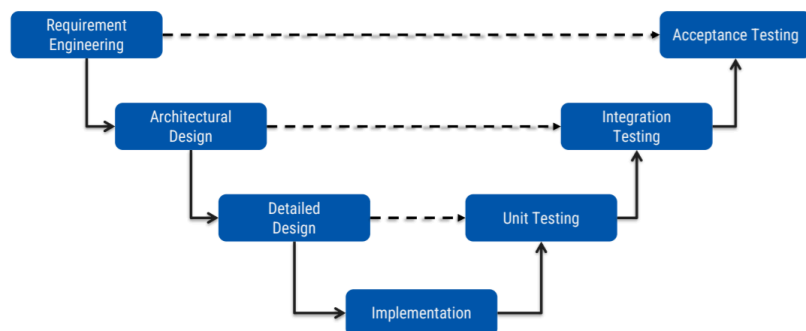
Implementation

Testing

V Model

V-Model

- Sequential
- V-Model shows how a software product is validated
- It relates different kinds of testing to corresponding design phases
- Test plans are developed after each phase on the left is done



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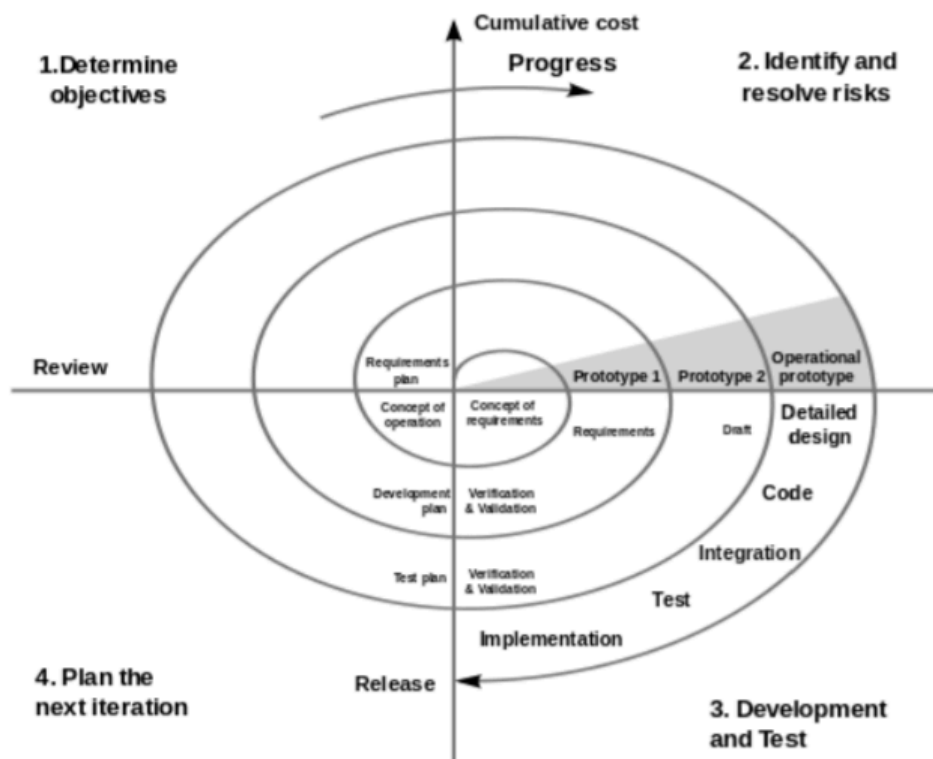
- Testing throughout the development
- Main difference from waterfall is the continuous testing

Iterative and Incremental Models

- Start with small portions of the project
- Repeatedly adding the other portions to the project

- **Incremental** means “add onto something”
 - Incremental development helps you improve your process
- **Iterative** means “re-do”
 - Iterative development helps you improve your product

Spiral Model



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- Waterfall but risk driven