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-> Waterfall software model:

This model is the breakdown of project activities into linear sequential phases where each phase depends on the deliverables of previous one and corresponds to specialization of tasks.

eg: An example for this model is a formal registration portal for any company / service the requirements are predefined and analysis is very easy. modifications are not required & all the modules can be built as per scheduled it is best for short-term projects with no modifications.

2 Evolutionary software model:

It is a combination of iterative & incremental model of software development life cycle. It is based on the initial implementations will result in user comments. It can be developed through many versions until an adequate system can be developed. This model also provides feedback to developers.

A good eg. would be a social media appreciation like Instagram or Facebook where you have to keep evolving and adding new features to keep engaging your customers. Hence, it has to keep updating and developing higher versions

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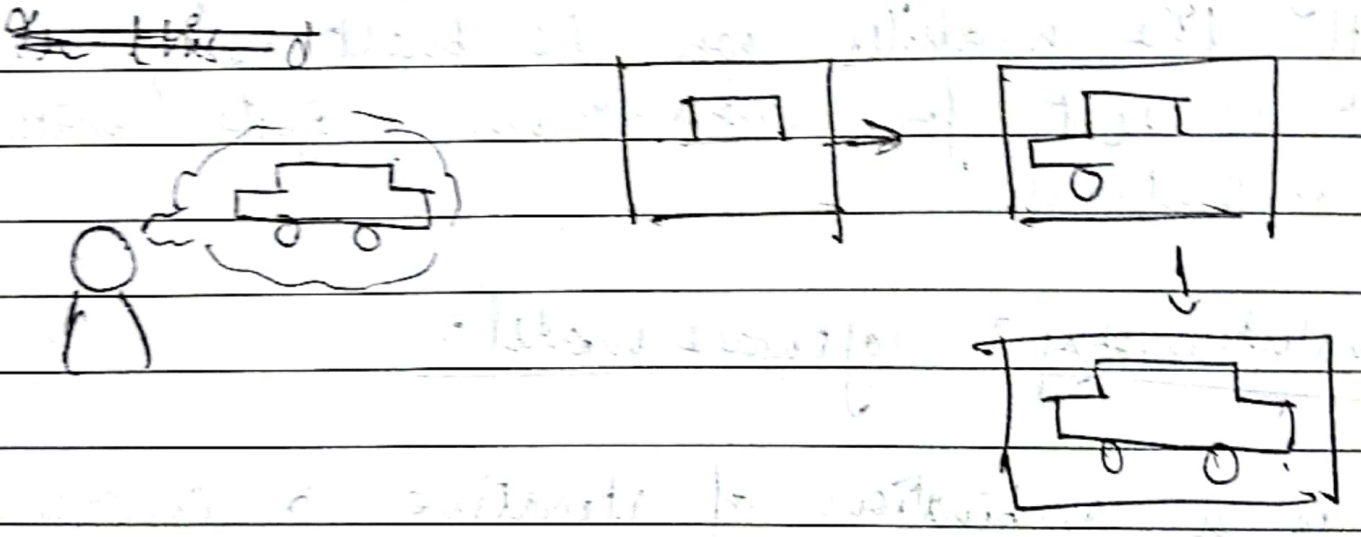
→ Incremental model:

It is a process of s/w development where req divided into multiple standalone models the software development cycle in the model each module goes through requirements, design, implementation & testing phases. every subsequ release of module adds function to previou release finally ensure result complete system achieved.



So basically in this model different modules are built and integrated togeth to form the complete software.
Any experimental software can be built using this model.

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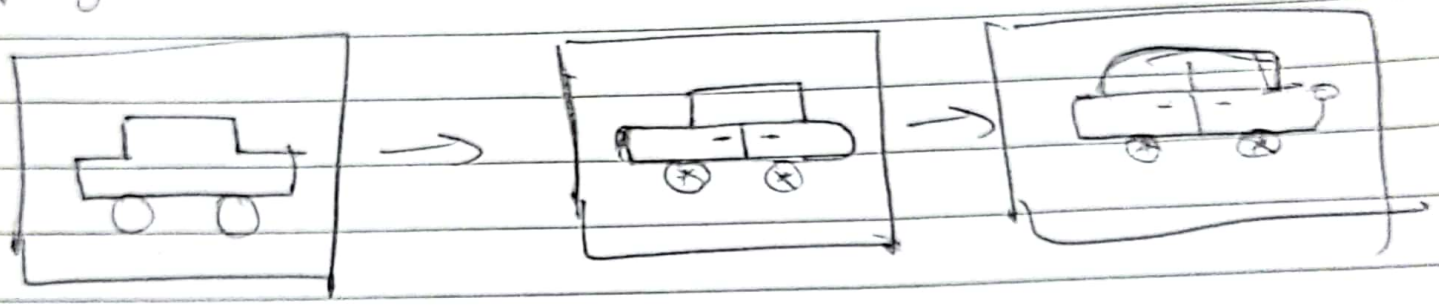
→ Iterative model:

In this model, iterative process starts with a simple implementation of small set of software requirements and ~~iterability~~ iteratively enhances evolving versions until the complete system is implemented and ready to be deployed.



In this diagram, the product is built first and then the modifications can be made to achieve the final products and evolve it. Any new experimental product can be ~~made~~ built using this model.

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