

SE 216 – SOFTWARE PROJECT MANAGEMENT

SOFTWARE PROCESS MODEL DOCUMENT

PROJECT NAME: E-VET Section 3 Group7

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#	NECESSARY NEEDS FROM THE ORGANIZATIONAL PROCESS
1	Requirements analysis and definition: The system's services, limits and goals are determined.
2	System and software design. The system design process defines the requirements for the hardware or software system, and defines the overall system structure of the system.
3	Implementation and unit testing: The software design is executed as a series of programs or program units. Unit testing verifies that the unit meets its specifications.
4	Integration and system testing : Individual software modules or programs have been integrated and tested as a complete system to ensure compliance with software requirements. After testing, the software package will be delivered to the customer.
#	UNNECESSARY NEEDS FROM THE ORGANIZATIONAL PROCESS
1	Operation and maintenance Normally: It provides a repair for undefined errors at the beginning of the life cycle, it develops the implementation of system modules and also develops system services when new requirements are found.
2	Overspending the time on the features: Trying to identify all of the required features of the application. Since the requirements workers of the project must focus on the necessary things, overspending on the too detailed features might cause ineffective efforts on the workers

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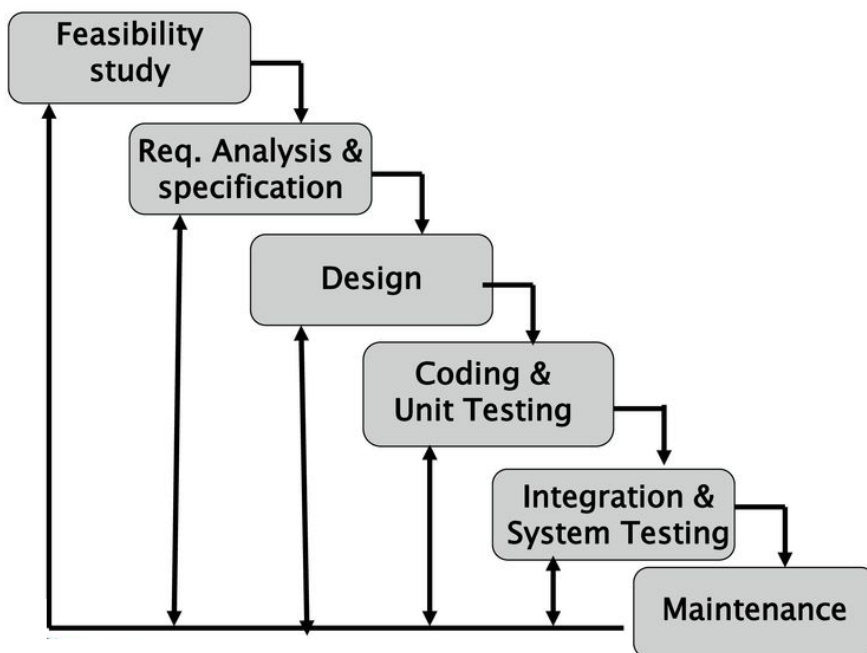
SOFTWARE PROCESS NAME: Iterative Waterfall Model

SOFTWARE PROCESS DESCRIPTION:

The iterative waterfall model provides feedback paths from every phase to its preceding phases. When errors are detected at some later phase, these feedback paths allow correcting errors committed by programmers during some phase.

SOFTWARE PROCESS MODEL:

Iterative waterfall model



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REASONS TO CHOOSE THIS MODEL:

- It is easy to make changes or any modifications at any phase.
- Any changes in software can be made during the process of the development.
- Stages are clearly defined.
- Phases can be processed and concluded one at a time.
- It is easy to manage.
- Process and conclusions can be documented well and earlier.
- Risks can be resolved and avoided easily during iteration