

Assignment # 01

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COURSE : SOFTWARE PROCESS MANAGEMENT

COURSE INCHARGE : MISS FARZEEN ASHFAQ.

QUESTION : Difference between Verification and Validation in terms of process flow? Give an example for verification and validation of any one software process?

Answer:

VERIFICATION IN SOFTWARE TESTING:

It is a process of checking documents, design, code, and program in order to check if the software has been built according to the requirements or not.

GOAL :

The main goal is to ensure quality of software application, design, architecture etc.

ACTIVITIES :

It involves activities like

- 1) reviews
- 2) walk-throughs
- 3) inspection.

VALIDATION IN SOFTWARE TESTING:

It is a dynamic mechanism of testing and validating if the software product actually meets the exact needs of the customer or not.

GOAL:

It helps to ensure that the software fulfills the desired use in an appropriate environment.

ACTIVITIES:

It involves activities like

- 1) Unit testing
- 2) Integration testing
- 3) System testing
- 4) User acceptance testing.