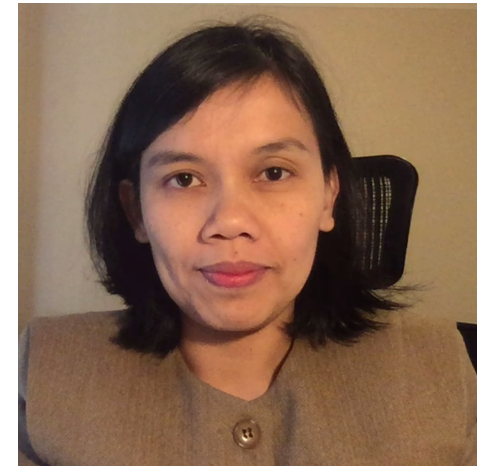


11S3112 PPMPL

Tugas: Testing in Software Life Cycle

Week 2, Session 2
Tahun Ajaran 25/26



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- Sem Ganjil 2025/2026 -

Content

- Phase in V model
- Exercises

Phase in V model

- 1: Requirement Analysis
- 2: High Level Design
- 3: Low Level Design
- 4: Implementation
- 5: Unit Testing
- 6: Integration Testing
- 7: System Testing
- 8: User Acceptance Testing
- 9: Operation and maintenance

Exercises

1. Software is put into real use ...
2. Detailed design is implemented ...
3. Client and developer work together to define the problems to be solved by the software ...
4. Several possible ways to satisfy the requirements are explored ...

Exercises Cont'd

5. Overall architecture of the system is designed ...
6. Each software component, description of program modules, arguments, and return parameters are produced ...
7. Testing is conducted by involving customer, includes *alpha test* and *beta test* ...
8. One way to satisfy the requirements is chosen after considering the resources and constraints ...

Exercises Cont'd

9. Each module should be unit tested independently so that it conforms its specification in the low level design ...
10. SRS (system requirement specification) is defined ...
11. Testing is conducted by developer to check whether the requirements in SRS (functional and non-functional) ...
12. During the operation, bugs might be discovered and fixed, software might be improved ...

Exercises Cont'd

13.Coding by programmers ...

14.After passing the unit testing, the modules are integrated and tested ...

15.The integrated modules are integrated to form the entire system for testing ...

16.Testing should address the acceptance criteria in the SRS ...