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MATA KULIAH : PENGUJIAN PERANGKAT LUNAK

TUGAS : Mahasiswa akan mengidentifikasi masukan (input) dan luaran (output) dari setiap tahap Software Testing Life Cycle.

TAHAP SOFTWARE TESTING LIFE CYCLE

- 1. Requirement Analysis**
 - 2. Test Planning**
 - 3. Test Cases Designing**
 - 4. Test Environment Setup**
 - 5. Test Execution**
 - 6. Defect Reporting**
 - 7. Test Closure**
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1. Requirement Analysis

- **Input:**
 - Kebutuhan Functional (Case)
 - Software Requirements Document (SRD)
 - Acceptance Criteria
 - Product Architecture.
- **Output:**
 - SRS (Software Requirement Specification)
 - Requirement Traceability Matrix (RTM) (Didalam SRS)
 - Laporan Kelayakan Otomatisasi (automation feasibility report)

2. Test Planning

- **Input:**
 - SRS (Software Requirement Specification)
 - Requirement Traceability Matrix (RTM)
 - Laporan Kelayakan Otomatisasi (automation feasibility report)
- **Output:**
 - approved test plan including timelines
 - risk/cost analysis

3. Test Cases Designing

- **Input:**
 - approved test plan including timelines
 - risk/cost analysis
- **Output:**
 - approved test cases
 - automation scripts

4. Test Environment Setup

- **Input:**
 - system design and project architecture definitions
- **Output:**

- a fully functional test environment
- approved test cases

5. Test Execution

Defect Reporting berjalan bersama Test Execution

- Input:

- SRS
- RTM
- approved test plan including timelines
- risk/cost analysis
- approved test cases
- automation scripts
- a fully functional test environment
- approved test cases

- Output:

- all tests are performed, and results are documented
- Test Execution Report
- Defect Log/Bug Report

6. Test Closure

- Input:

- SRS
- RTM
- approved test plan including timelines
- risk/cost analysis
- approved test cases
- automation scripts
- a fully functional test environment
- approved test cases
- Defect Log/Bug Report

- Output:

- Test Result Analysis
- Test Closure Report