

6

**STEPS TO
NAIL YOUR
TESTING
STRATEGY**

 **ZOOSS**



**OUR APPROACH TO
TESTING INTEGRATES
BEST PRACTICES,
DRIVING EFFICIENCY
AND ACCURACY.**



1. DEFINE TEST OBJECTIVES AND SCOPE

- Define the **scope of testing**, including: functional, performance, security, integration and regression.
- Establish **success criteria**, such as defect thresholds, test harnesses and performance benchmarks.



2. PREPARE A TEST PLAN

- Detail a plan for each Test Phase:
 - **Unit testing** ensures individual components work as expected.
 - **System testing** validates the complete, integrated system.
 - **Integration testing** confirms modules and systems interact correctly.
 - **Data validation testing** ensures data exchanges between modules and systems is accurate, complete and timely.
 - **Regression testing** checks each release does not introduce new defects.
 - **User acceptance testing (UAT)** to validate real-world usability.



- Define **test scripts** with automation and repeatability in mind, particularly for unit, system and integration testing phases.
- Define **test environments** and deployment procedures.





3. TEST CASE DEVELOPMENT

- Define **test cases** aligned with business and technical requirements.
- Define **test data management** approach to ensure accurate and repeatable testing.
- Develop **test scripts** to automate test case execution, capture logs, and simulate external dependencies.



4. TEST EXECUTION AND DEFECT MANAGEMENT

- Leverage a dedicated **test environment** loaded with clean datasets.
- Execute **test cases** systematically and log results.
- Use a **defect tracking system** to categorise and prioritise issues.
- **Resolve issues** in a timely manner to avoid delays to project timing.



5. USER ACCEPTANCE TESTING (UAT)

- Engage **end users** to validate business workflows.
- Conduct structured testing sessions with **real-world scenarios**.
- Ensure test scripts capture **user interactions and system responses** for analysis.
- **Address critical feedback** before final deployment.





6. TEST CLOSURE AND REPORTING

- Compile **test summary reports**, including defect statistics and coverage metrics.
- Conduct a **retrospective** to document lessons learned.
- Obtain **formal sign-off** before production deployment.
- **Archive the test harnesses**, scripts and configurations for future regression testing.



**TO START PLANNING
SUSTAINABLY,
CONTACT US:**

 info@zooss.com.au

 zooss.com.au

**Better planning.
Better planet.**

