

Sample Test Policy

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Mission of Testing

To effectively and efficiently provide timely, accurate, and useful quality risk management information and services.

[Company Name Here] Risk-Based Testing Strategy

Depending on project objectives, [company name] selects the degree of quality risk mitigation desired. Quality risks are identified, and risk items are assessed to determine their level of risk. The level of risk determines test effort and test sequencing. Test results are reported in terms of mitigated and unmitigated risks.

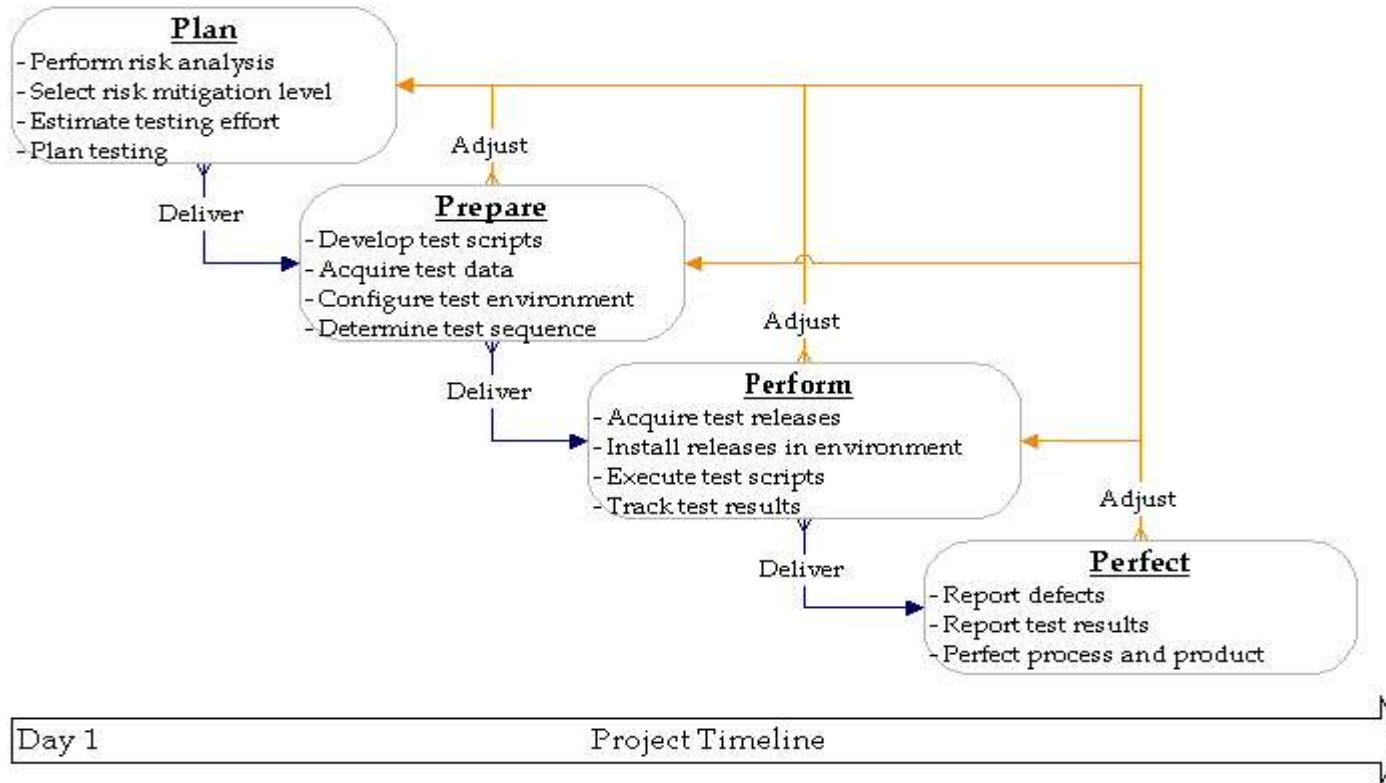
Sequential Test Levels Performed by the Best-Qualified Participants

Test levels promote mitigation of quality risk as early as possible and to the highest practical extent.

Level	Owner	Objective(s)	Key Areas of Testing
Unit	Development	<ul style="list-style-type: none"> • Detect defective code in units • Reduce risk of unit failure in Production 	Functionality and resource utilization
Integration	Development	<ul style="list-style-type: none"> • Detect defects in unit interfaces • Reduce risk of dataflow and workflow failures in Production 	Functionality, data quality, unit inter-operability and compatibility, performance
System	Risk Mitigation and Quality Assurance	<ul style="list-style-type: none"> • Detect defects in use cases and end-to-end scenarios • Assist in mitigating risk of unmet business requirements in Production 	Functionality, data quality, performance, reliability, usability, resource utilization, maintainability, installability, portability and interoperability
Acceptance	Business	<ul style="list-style-type: none"> • Demonstrate readiness for deployment • Detect defects in user workflows* 	Functionality

* Not all acceptance test activities for all projects will have defect detection as an objective.

The Test Process for Each Test Level



The degree of formality for the various activities will depend on the level of risk associated with the project as a whole.

Key Process Indicators (KPIs)

Each group responsible for one or more test levels shall establish KPIs for test activities that address the following areas:

- Defect detection effectiveness
- Risk coverage and sequencing

In consultation with IT management, each group manager shall develop and execute plans for project-by-project alignment of KPIs across groups and long-term plans for test process improvement at each level and across levels.