# Tester / Test Engineer

## Definition

**# Source**: **Chatgpt (GPT-5-Standard) at [8/22/2025]**

A **Tester** or **Test Engineer** is responsible for **executing tests, identifying defects, and reporting results** to ensure the software meets its requirements.

* Focuses on **actual test execution** rather than planning or designing tests (although in some teams they may assist with design).
* Ensures the software behaves as expected under **real conditions**.

## Key Responsibilities

**# Source**: **Chatgpt (GPT-5-Standard) at [8/22/2025]**

1. **Test Execution**
   * Execute **manual or automated test cases**.
   * Follow test procedures designed by **Test Analysts/Designers**.
2. **Defect Logging & Reporting**
   * Identify and document **bugs, issues, and deviations**.
   * Report defects using **bug tracking tools** (e.g., JIRA, Bugzilla, Azure DevOps).
3. **Collaboration**
   * Work with **developers, Test Analysts, and Test Managers** to clarify issues.
   * Assist in **retesting and regression testing** after defects are fixed.
4. **Test Environment & Data**
   * Prepare and maintain **test environments and test data** as required.
5. **Validation & Verification**
   * Ensure software **meets functional, non-functional, and business requirements**.

## Skills Required

**# Source**: **Chatgpt (GPT-5-Standard) at [8/22/2025]**

* Understanding of **software testing principles** and **techniques**.
* Attention to detail and **analytical skills**.
* Familiarity with **test management and defect tracking tools**.
* Ability to **execute both manual and automated tests** (depending on team).

## Deliverables / Outputs

**# Source**: **Chatgpt (GPT-5-Standard) at [8/22/2025]**

* **Executed Test Cases**
* **Defect Reports**
* **Test Execution Reports**
* **Regression Testing Reports**

## Shortcut to Remember:

**# Source**: **Chatgpt (GPT-5-Standard) at [8/22/2025]**

**Tester/Test Engineer = Execute tests + Report defects + Verify fixes**

✅ **Summary Note:**

* The **Test Engineer/Tester** role is **execution-focused**, while **Test Analyst/Designer** focus on **planning and designing tests**, and **Test Automation Engineer** focuses on **automating execution**.