# CI/CD Test Integration Guide & Test Case Template – T-Call Platform (Goghr)

## 1. CI/CD Testing Integration Guide

To maintain continuous quality in deployments, automated tests should be integrated into the CI/CD pipeline. This ensures code changes are validated on each pull request or commit to staging/production.

CI/CD Tools & Recommendations:

* ✅ GitHub Actions or Jenkins – for triggering test workflows
* ✅ Docker – to containerize test environments and ensure consistent execution
* ✅ Pytest + Allure – to generate detailed test reports
* ✅ Postman + Newman – for API test execution in CI

CI Pipeline Suggested Steps:

1. 1. Checkout code
2. 2. Install dependencies (Python, Node.js for React tests)
3. 3. Run unit and lint checks
4. 4. Run automated UI/API tests (Pytest, Postman)
5. 5. Generate and publish reports (Allure/HTML/JUnit)
6. 6. Optional: Notify team via Slack/Email on failures

## 2. Test Case Template

Use this standardized format for creating clear, reusable, and traceable test cases:

\*\*Test Case ID:\*\* TC\_<module>\_<number>   
\*\*Title:\*\* [Descriptive title of the test case]   
\*\*Description:\*\* [Short explanation of the purpose of the test case]   
\*\*Pre-conditions:\*\* [Environment setup, user roles, required data]   
\*\*Test Steps:\*\*  
 1. Step one  
 2. Step two  
 ...  
\*\*Expected Result:\*\* [Describe the expected outcome]   
\*\*Actual Result:\*\* [To be filled after execution]   
\*\*Status:\*\* [Pass / Fail / Blocked]   
\*\*Priority:\*\* [High / Medium / Low]   
\*\*Tags:\*\* [Regression, Smoke, API, UI]   
\*\*Remarks:\*\* [Additional notes]