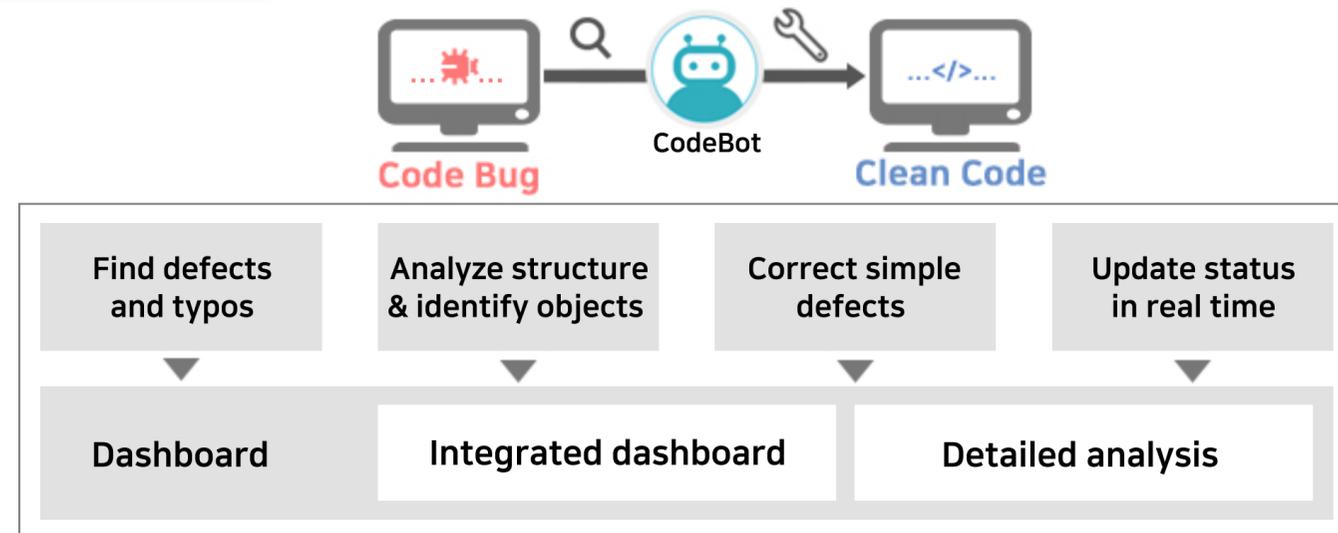# Automation Tools Codebot / Testopia

We provide CodeBot, a code quality management solution, to support identifying and correcting source code defects and Testopia to help automate code testing including test script writing, execution, result analysis and reporting.

CodeBot

Code Bug → CodeBot → Clean Code

Find defects and typos	Analyze structure & identify objects	Correct simple defects	Update status in real time

Dashboard	Integrated dashboard	Detailed analysis

Testopia

Manual Testing → TESTOPIA → Automated Testing

Unit/API/GUI test writing	Schedule-based execution	Test result collection	Real-time notification

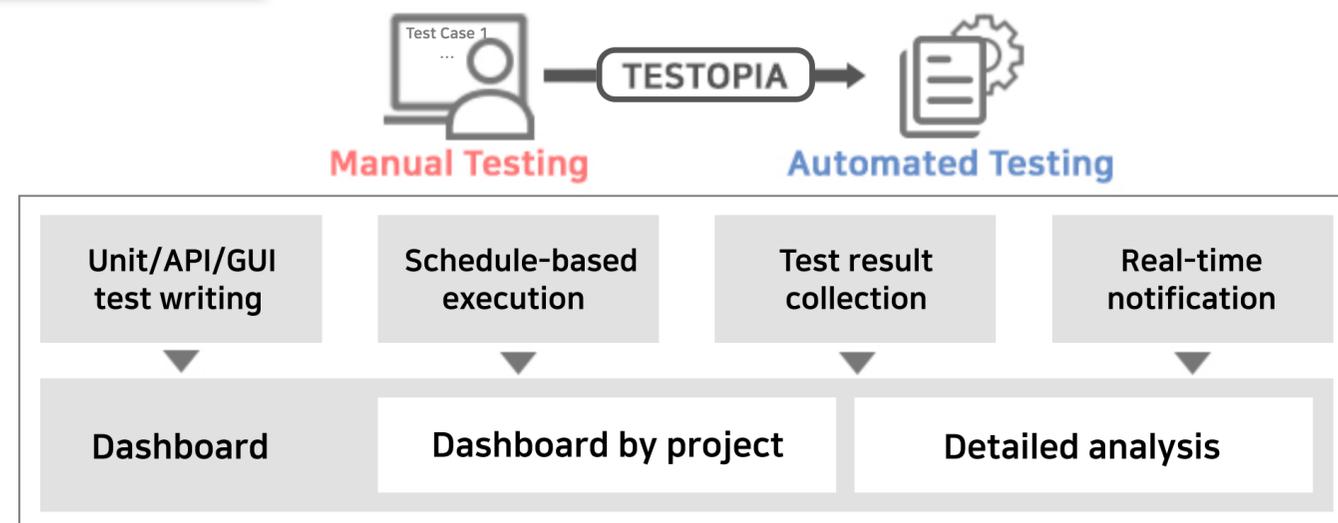| Dashboard	Dashboard by project	Detailed analysis

✅ **Source Code Quality Assurance (CodeBot)**

Identify potential defects by analyzing source codes and correct them automatically.

- Provide greater convenience and reduce labor (2.7 m/m)
- Identify errors and give a guide to improve code quality

✅ **Test Automation (Testopia)**

Support the whole process of testing from test script writing and execution to result analysis and report creation.

SAMSUNG SDS