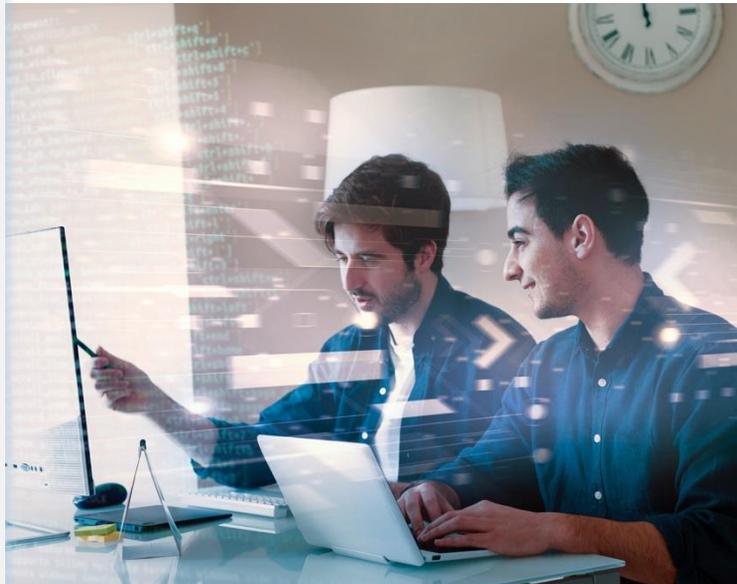


# TESTVISTA: TESTING ASSISTANT

Provide Testers with Testing at the Speed of AI

**TestVista** is a cutting-edge GenAI-powered assistant, tailor-made for testers who want to elevate their efficiency and productivity. As managing test cases in large-scale systems becomes increasingly complex and time-consuming, TestVista, with its advanced capabilities streamlines every aspect of the testing process—from creating and executing tests to maintaining them—empowering testers to work faster and smarter. Unlock unparalleled speed and precision in your testing workflow with TestVista.



Unlock unparalleled speed and precision in your testing workflow with TestVista!



**10x**

Faster Product  
Shipment



**50%**

Less Effort in  
Knowledge Discovery



**37%**

Less Effort in Manual  
Test Case Writing



**30%**

Less Effort in Test  
Script Update

## Advancing the Future of Software Testing

### ◆ Effortless Test Case Generation

Automate test case creation with AI, supporting multiple languages and an intuitive interface for quick editing, approval, and updates.

### ◆ Data Privacy Protection with Trust Layer

Ensure data security with local AI models, protecting PII and offering customizable, self-hosted solutions for enterprise-level privacy.

### ◆ Comprehensive Test ViewPoint Generation

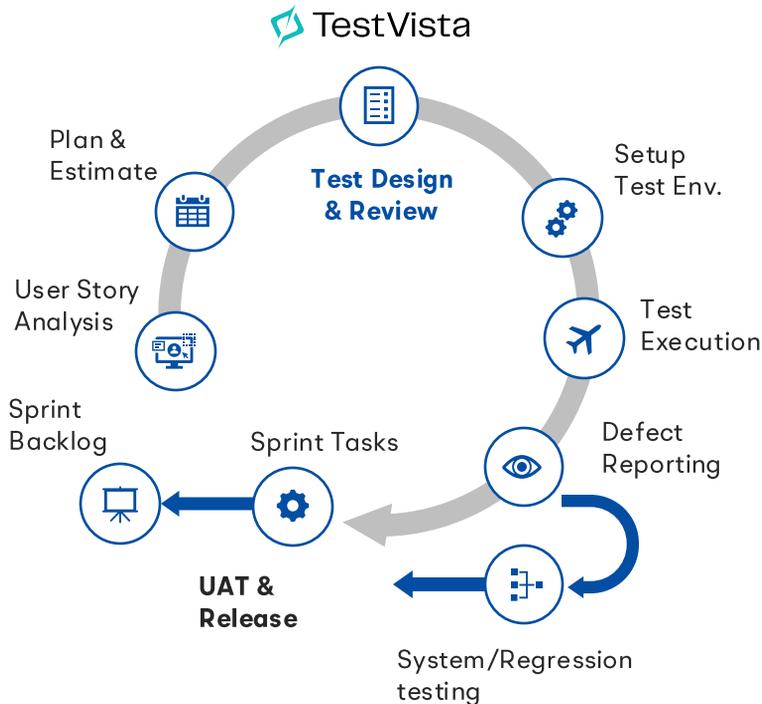
Systematically generate testing viewpoints and allows easy edits, enabling testers to capture diverse perspectives through human-AI collaboration.

### ◆ Boosted Productivity

Automate key testing tasks, enhancing productivity and allowing testers to focus on delivering high-quality software.

## Towards Efficiency & Innovation: Driving a Revolution in Testing Workflows

### AGILE Testing



### WATERFALL Testing



Supports Four Languages: Vietnamese (VN), English (ENG), Korean (KR), and Japanese (JP) for both entering data and getting results

## Case Study: Saving Time and Boosting Productivity in IT Corporation

### BUSINESS BACKGROUND

The client is a prominent multinational IT service provider, generating over \$1 billion in annual revenue and employing more than 30,000 professionals globally. As a leader in the IT services industry, the organization is focused on driving operational efficiency and enhancing productivity across its extensive workforce.

To achieve these goals, the company is seeking to leverage advanced technological solutions, including the integration of an AI assistant, to streamline processes and optimize performance on a global scale.

### BUSINESS CHALLENGES

- **Manual Dependency:** A heavy reliance on experienced testers for the manual creation of comprehensive test cases, restricting efficiency and scalability.
- **Human Errors:** Manual test case creation and review are prone to typographical errors, inconsistencies, and delays, reducing overall testing accuracy.
- **Outdated Automation Scripts:** Frequent system changes require substantial time and effort to update automation scripts, diminishing productivity and responsiveness.

### SERVICES & SOLUTIONS

TestVista offers **3 key AI-driven features** to tackle the client's testing challenges, improving efficiency and reducing manual effort.



#### Knowledge Discovery

GenAI automatically discovers and understands domain-specific knowledge, cutting the time spent on studying requirements by 50%, allowing testers to focus on higher-value tasks.



#### Test Case Generation

AI generates and reviews test cases, reducing the effort of test case creation by 37% and review time by 70%, ensuring faster and more accurate testing.



#### Test Script Auto-Healing

AI continuously updates test scripts to reflect system changes, reducing the effort for script maintenance by 30% and ensuring testing remains aligned with evolving systems.

### RESULTS



**50%**

Reduction in Effort to Study Requirements



**30%**

Reduction in Test Case Creation Effort



**70%**

Reduction in Review Effort



**30%**

Reduction in Effort for Script Updates

"Previously, writing a complete test case took 4 hours. Now, it takes just a few minutes to generate and 25 minutes to review and edit, saving **87.5%** of the effort."

**Testimony from a tester**

# Case Study: Test Case Auto-Generation for Automotive Software

## BUSINESS BACKGROUND

The client is a leading Japanese automotive electronics company, specializing in the development of advanced in-vehicle systems. With a workforce exceeding 600 employees, the organization is committed to enhancing operational efficiency within its development processes. To support this goal, the company is seeking to implement innovative solutions that streamline workflows and improve productivity, particularly in the testing of automotive software and hardware.

## REQUIREMENTS

- **Targeted Test Case Selection:** The client seeks a solution that allows for the accurate selection of test cases based on commit information from the built software and aligned with the functional specifications.
- **Comprehensive Change Coverage:** The client aims to ensure that all potential impacts and unnoticed changes within the software are fully covered during the testing process to enhance overall testing accuracy and reliability.

## SERVICES & SOLUTIONS



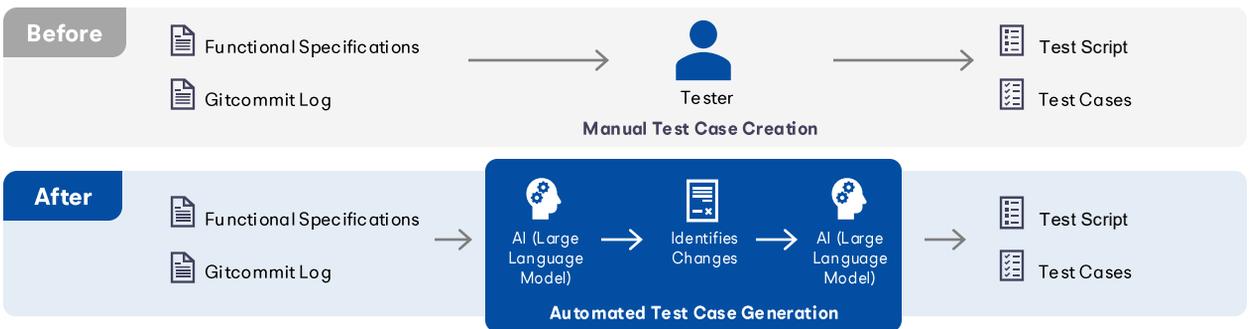
### Analysis of Commit Logs and Functional Specifications

Leveraging a Large Language Model (LLM), the service analyzes both Git commit logs and functional specifications to identify functional changes within the software.



### Test Case Recommendation

The LLM evaluates these changes and recommends the appropriate test cases that need to be executed, ensuring that testing is aligned with the most recent software modifications and covers all critical areas.



## FEATURES



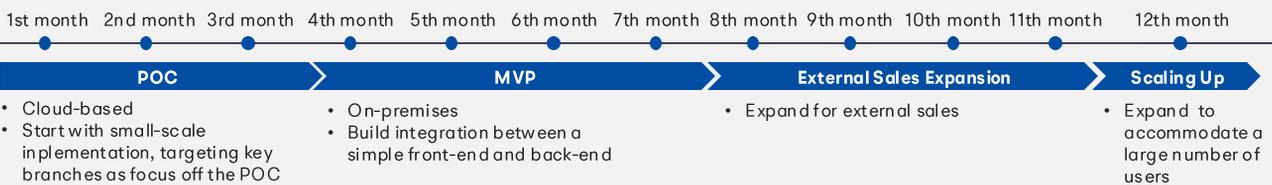
### Test Case Generation

The solution leverages AI to automatically create comprehensive test cases based on system requirements and changes, reducing the manual effort required and ensuring thorough coverage of all functionalities.



### Test Data Generation

TestVista generates realistic and relevant test data to simulate various scenarios, enhancing the accuracy of the testing process and improving the detection of potential issues in the software.



## RESULTS



### Optimization of Human Resources

Automation reduces manual effort, allowing more efficient use of human resources.



### Reduced Testing Time

Streamlined processes significantly shorten product testing time.



### Improved Product Quality

Enhanced test coverage leads to higher product quality and reliability.

## Contact us

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