Tenjin Workbench
Reimagine Test Design With AI

Today's digital landscape demands smarter, faster, and more reliable test design to keep pace with innovation. Test cycles are shorter, systems are more complex, and expectations for quality are higher than ever.

Tenjin Workbench: The Smarter Way Forward

Tenjin brings AI-powered intelligence to test design—complementing your testers and SMEs, automating repetitive tasks, and enabling teams to focus on what truly matters: quality, strategy, and innovation.

Test Design for the Modern Era

In a world of continuous delivery, complex APIs, and rapid changes, QA teams need solutions that evolve with them. Tenjin Workbench elevates test design with intelligence, structure, and speed.

- From BRDs and flow diagrams to user stories and APIs
- From test case repositories and defect history to business processes Tenjin Vexa works with what you have and builds what you need.

Tenjin in Action: From **Requirements to Execution**

Smart Interpretation

- Converts BRDs, FSDs, API specs, Jira stories, and diagrams into structured scenarios, test cases, and steps

- Understands component dependencies, including flowcharts, images, and diagrams

- Recognizes and generates test cases for edge conditions automatically

- Leverages historical defect patterns to proactively prevent recurring issues

Guardrails for Precision

- Offers context-aware recommendations based on historical data and domain logic

- Applies constraint management to enforce test boundaries and business rules

- Maintains full traceability across requirements, test categories, and source documents

Designed to Fit Any Workflow

- Integrates with your environment—Agile, Waterfall, or hybrid models

- Works seamlessly across your existing tech stack, aligning with your delivery pipeline
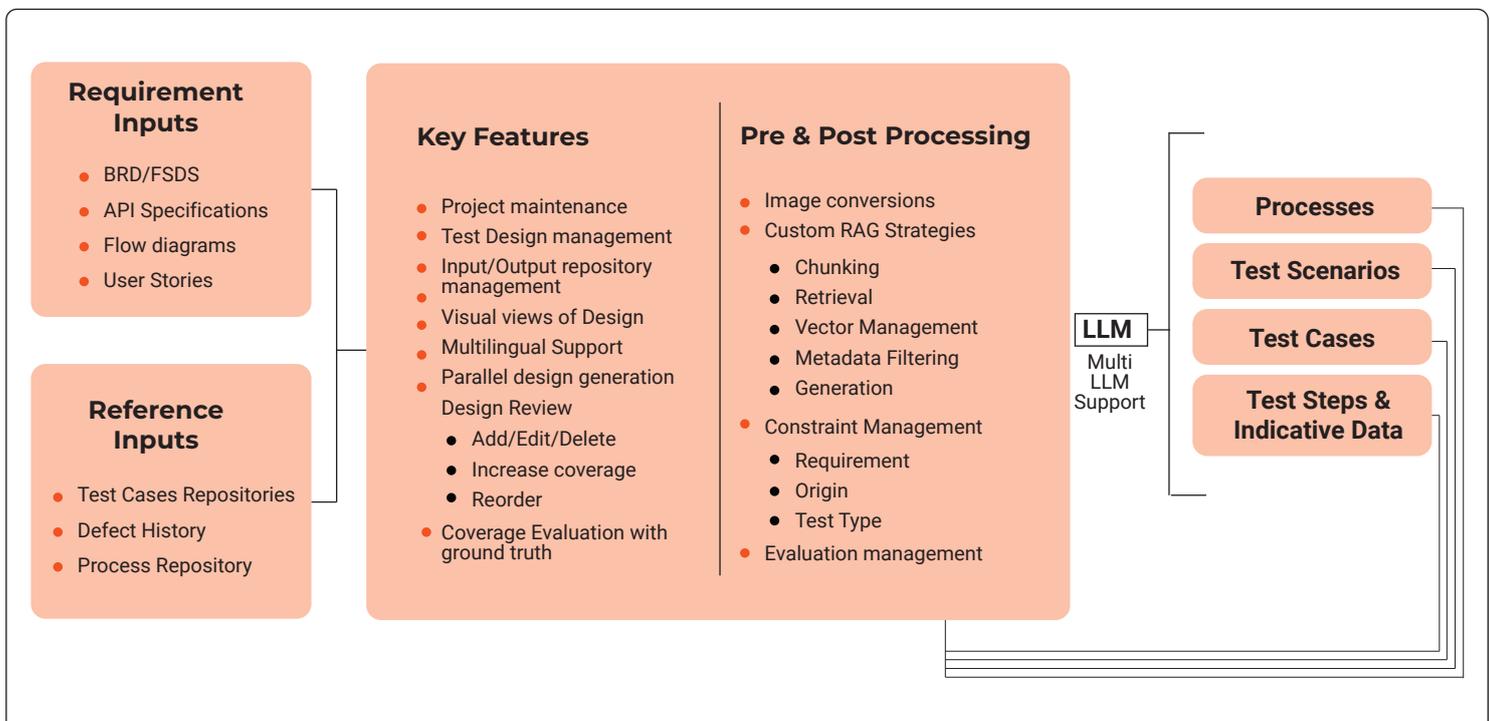
Requirement Inputs

- BRD/FSDS
- API Specifications
- Flow diagrams
- User Stories

Reference Inputs

- Test Cases Repositories
- Defect History
- Process Repository

Key Features

- Project maintenance
- Test Design management
- Input/Output repository management
- Visual views of Design
- Multilingual Support
- Parallel design generation Design Review
  - Add/Edit/Delete
  - Increase coverage
  - Reorder
- Coverage Evaluation with ground truth

Pre & Post Processing

- Image conversions
- Custom RAG Strategies
  - Chunking
  - Retrieval
  - Vector Management
  - Metadata Filtering
  - Generation
- Constraint Management
  - Requirement
  - Origin
  - Test Type
- Evaluation management

LLM
Multi LLM Support

- Processes
- Test Scenarios
- Test Cases
- Test Steps & Indicative Data

Illustration shows how Tenjin Workbench processes diverse inputs and outputs structured test assets with LLM intelligence:
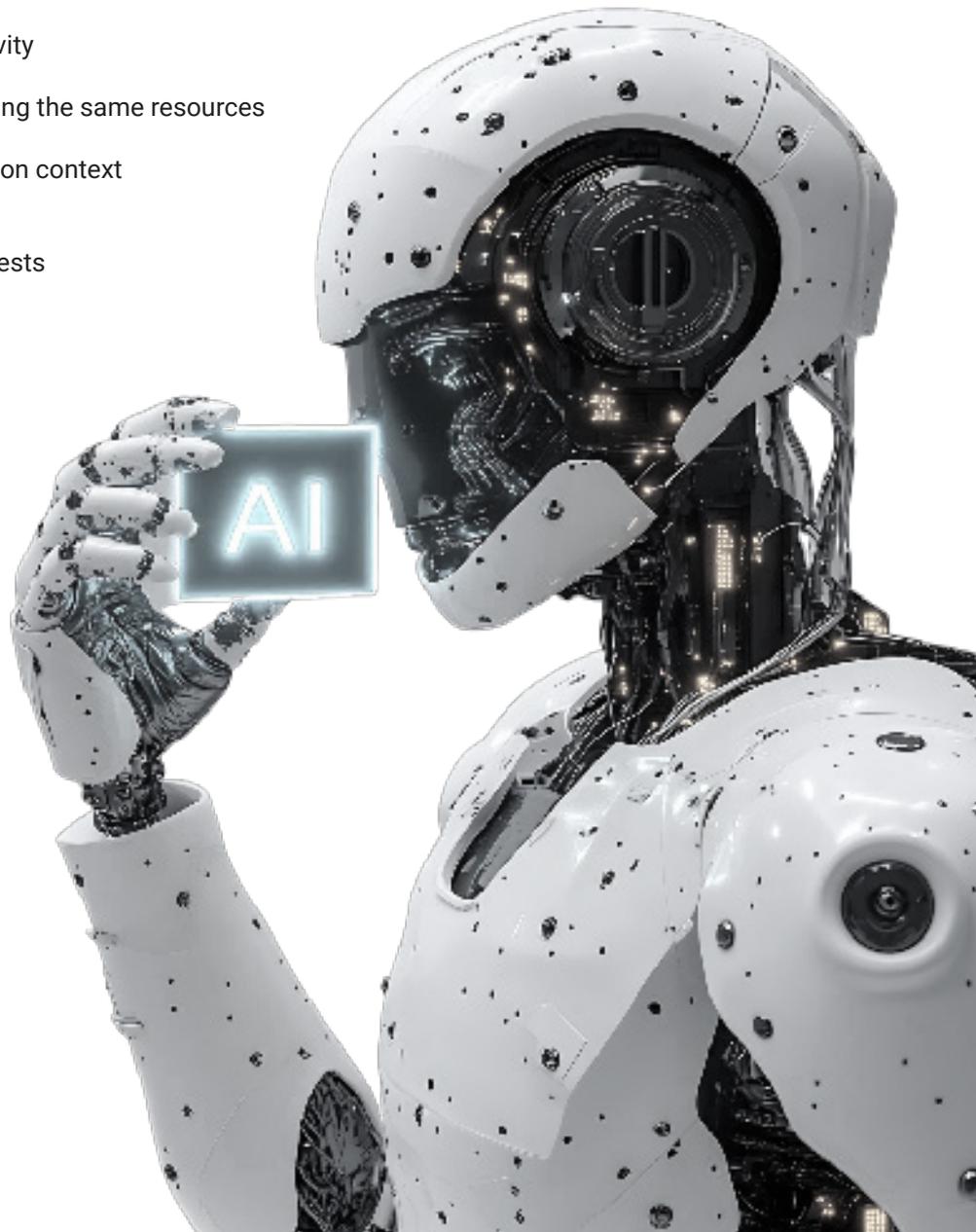
Why **Tenjin Workbench**

Tenjin Workbench takes on the complexity of test design, enabling QA professionals and SMEs to focus on high-value activities like test strategy, exploratory testing, and continuous improvement.

Key Benefits at a Glance

- 10x boost in test design productivity

- Up to 30% more test coverage using the same resources

- AI-driven test suggestions based on context and past defect data

- Constraint enforcement to align tests with real-world business logic

- Handles multiple input formats: images, PDFs, user stories, diagrams, and more

- Complete traceability across requirements, cases, and systems

- Empowers testers and SMEs to do more with less manual effort

- Seamless integration with leading workflow solutions

Make **Test Design** Effortless, Collaborative, and Scalable

The future of test design is intelligent, contextual, and collaborative. Tenjin enables QA teams to achieve more, design better, and validate faster—without increasing workload.

Whether you're managing evolving APIs, large business rule repositories, or scattered documentation—Tenjin fits into your environment and scales with your needs.

Tenjin Workbench – Rethink Test Design. Rediscover Productivity.

About **Tenjin**

Tenjin© Workbench by Tenjin Technologies is a next-generation, codeless test automation platform designed for seamless, end-to-end testing of enterprise applications. It enables organizations to accelerate product releases with improved reliability and performance. Tenjin Workbench comes with advanced features like AI-assisted Test Design, Auto-discovery, ML-driven Execution Optimisation, Integrated Test Management, Self-healing, and more. It supports Enterprise-wide scalability - web, mobile, API, and database applications, providing users with a unified platform for comprehensive testing. Along with readily available accelerators for major enterprise-class applications, Tenjin Workbench is the perfect testing automation platform for banking, finance, manufacturing, healthcare, travel, and hospitality, ensuring faster deployments, reliability, and performance.

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