

VERIFICATION MANAGEMENT SYSTEM PORTAL

A Centralized and Collaborative Platform for Multi-Project Hardware Verification Management

SCAN ME



Bugfixers

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About Faraday

Faraday Technology Corporation is a leading fabless ASIC design and silicon IP (intellectual property) provider established in 1993 as the first Asian ASIC vendor. Faraday Technology Vietnam (FTV) is established in Ho Chi Minh in 2019

1. Problem Statement

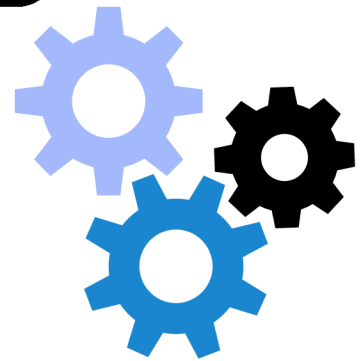


The System Verification Department is responsible for designing test cases to verify the prototype design. However, the current workflow is fragmented, relying on many manual processes and disparate tools.

2. Objectives



Improve Management



Automated Workflow

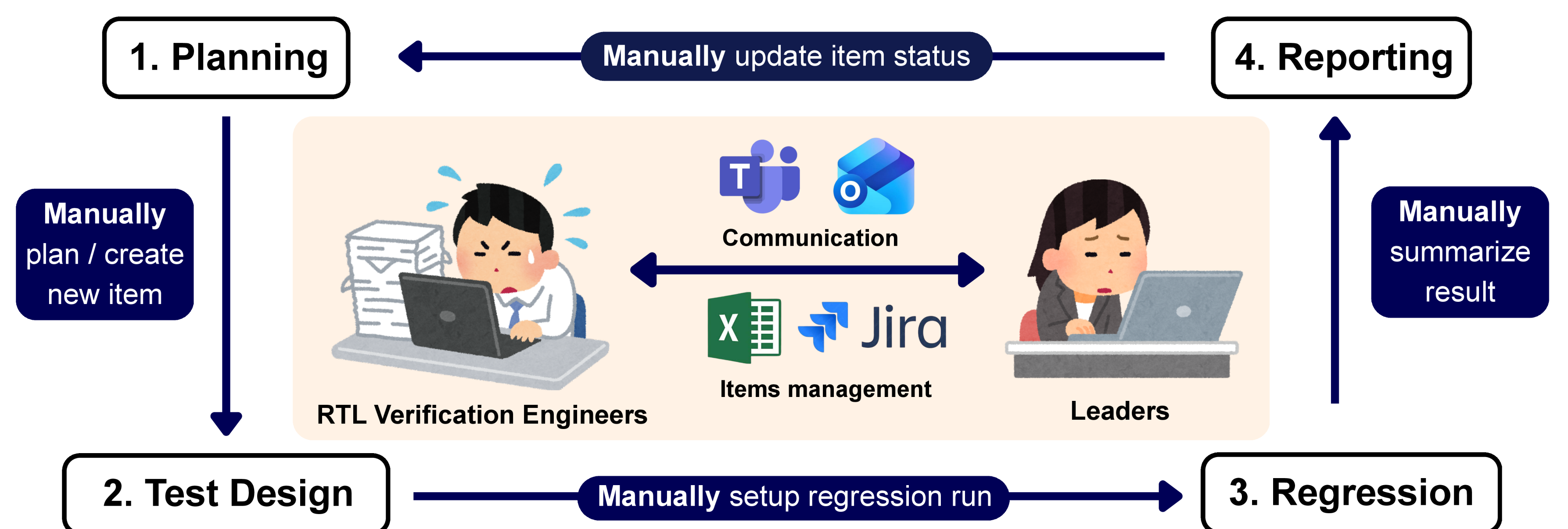


Consolidated Tools



Secure

3. Current Workflow - System Verification Department



4. Our solution



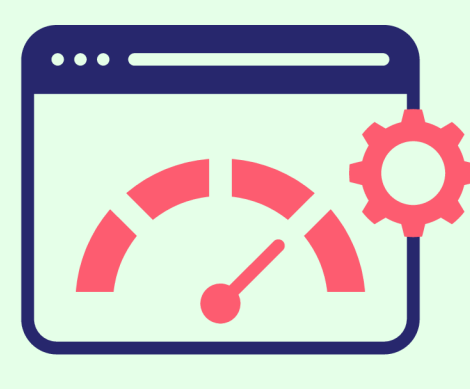
Verification Management System Portal



Auto Summary



Auto Reporting

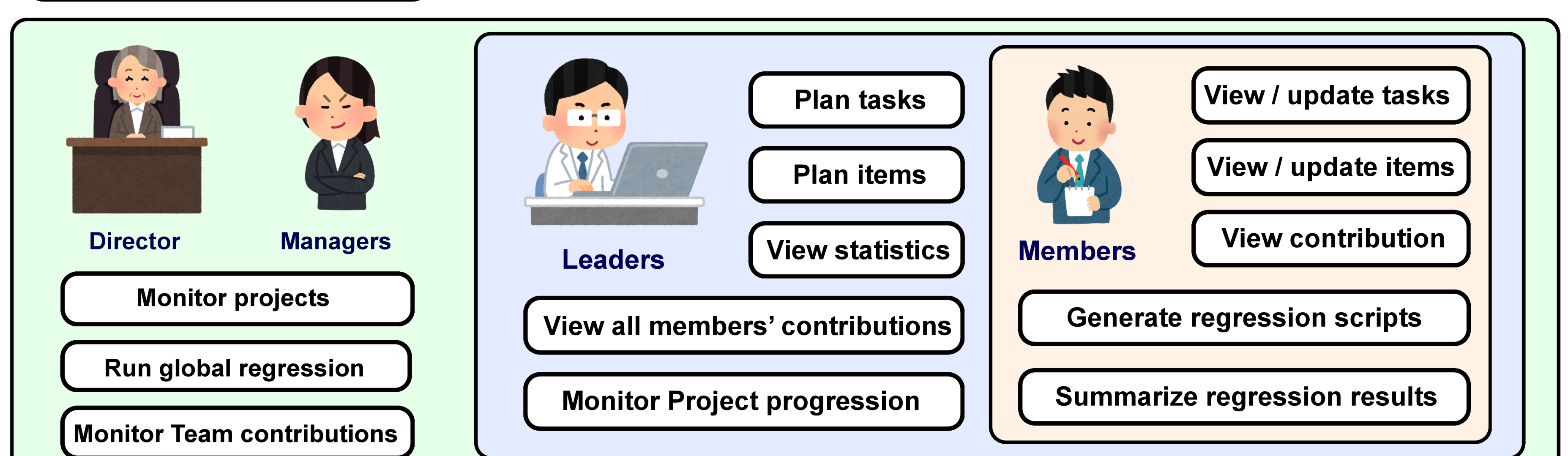


Auto Regression

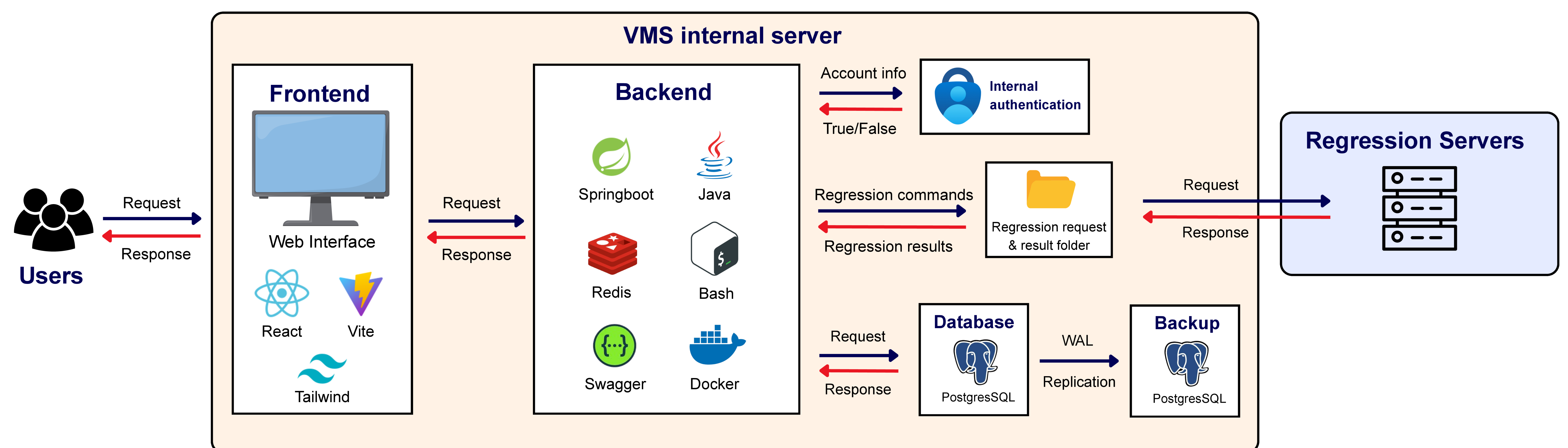


Auto Planning

5. Users & Features



6. System Architecture



7. Advanced features



Fuzzy Search

Search any items and run any commands



Custom Reports

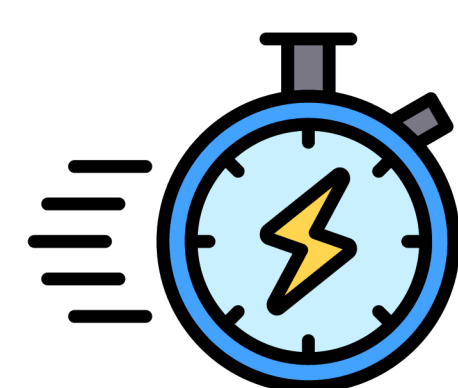
Generated reports with custom templates



Flexible notification

Customised reminded time based on projects

8. Results & Performance



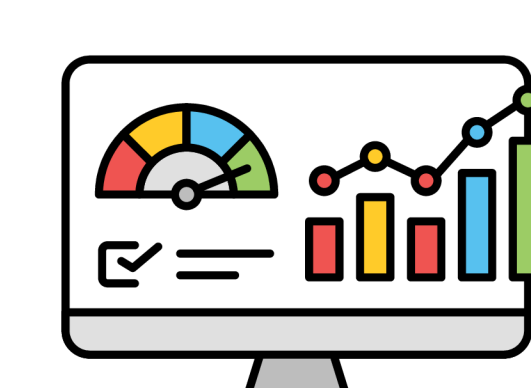
Fast loading

Load 1000+ items under 2 seconds



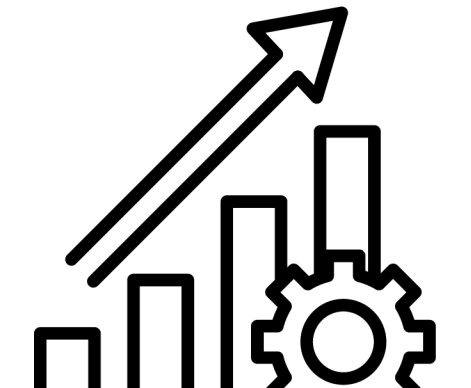
Accurate Regression

Achieved 100% success rate and status auto-update



Real time monitoring

Progress visualizations match manual tracking within $\pm 5\%$



Automated workflow

Reduce 75% manual processes and tools