



REDUCING THE TIME IT TOOK TO INTEGRATE MULTIPLE PRODUCT LINES

The Client

The client is a massive USD 3 billion interior design solution provider that allows for option selections based on what is trending and fashionable. Based out of the US, the client provides both design and installation services with reduced cycle times and better quality for real estate clients (commercial establishments and homes).

The Challenge

The client had five lines of products. They were not working seamlessly, and did not provide a smooth end-to-end user experience to the customers. The client was looking for a solution that would allow for a unified automation framework to provide a seamless user experience.

There were three key challenges:

- The five lines of products were difficult to integrate.
- Some applications were manual while some others were automated.
- The development, testing and deployment was complicated.

Our Approach

Feuji stepped in to solve this problem. We worked with the business and infrastructure team to clearly understand what the situation was as-is, and what the client wanted it to be. We collaborated with multiple business groups, application developers, and testing teams.

How did We do This?

The short answer: Attention to detail of the client, and their customer's requirements.

Our collaborative approach allowed us to understand, capture, and pass on client requirements in real-time to our quality engineering and product engineering teams. As a result, we had a systematic process to establish communication between the clients accurately. We were then able to plan a model that incorporated the client's requirement around frameworks that integrated all 5 product lines.

Engagement Highlights

- Creating a unified framework to test entire product lines for individual and integrated functionalities.
- Building an image based, GUI, API and database functional, manual, automation, and performance.
- Development and automation test code push to the same repo.
- Implementation of PR review processes for quality code.
- Setting up of ADO pipeline, test scripts execution on docker containers.

What did Our Tools and Services Include?

- GUI and Web Services Automation
- WDIO, Mocha, Chai
- Docker
- Azure DevOps
- AWS S3
- K6 – Performance Automation

Contact Us



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What were the Key Business Results?

The client experienced

25%

reduced effort through Feuji's pre-built framework

End-to-end product testing efforts reduced by over

40%

1-click deployment

with Azure CI/CD pipeline

Automation of scripts were leveraged for performance automation

using K6

The client needed their customers to experience the products with more seamlessness. A unified framework that would bring their product lines together was the most important thing to make that happen.