SMARTBEAR

How Contract Testing Helped a Growing HealthTech Company Streamline Operations

Cera+   SMARTBEAR PactFlow

RESULTS

Efficient
Streamlined collaboration and error detection.

Stable
Enhanced stability with a design-first approach.

Fast
Reduced execution times for end-to-end test suites.

> **The ability for us to switch on SSO integration with Google meant the maintenance for me of onboarding new members was nothing. It seamlessly integrates with our CI systems.**
>
> **We didn't have to worry about any of self-hosting or sending messages across from a self-hosted solution.**
>
> – *Lewis Prescott,* Quality Assurance Lead at Cera Care

Overview

Cera Care, established in 2016, has been at the forefront of integrating technology with healthcare to enable people to live healthier lives at home. However, with rapid growth and acquisitions, Cera Care faced significant challenges in scaling their operations without compromising the reliability of their legacy systems. The adoption of PactFlow was pivotal in overcoming these obstacles and ensuring seamless expansion of their healthcare platform.

Approach

- **Recognized** necessity for enhanced integration confidence. PactFlow's bi-directional contract testing capabilities ensure robust and reliable integration across various systems.

- **Employed** existing OpenAPI specifications as a cornerstone for testing, which streamlined the verification process and ensured consistency and accuracy across all API interactions.

- **Embraced** a design-first methodology for API development, prioritizing the establishment of clear contracts and expectations to guide the development process and mitigate integration issues.

- **Introduced** contract testing as a standard practice to improve the flow within legacy systems, reduce the occurrence of flaky tests, and enhance overall system stability.

Benefits

Implementing PactFlow enabled a smooth integration process and effortless team expansion with SSO. The introduction of bi-directional contract testing and the ability to work with existing OpenAPI specifications revolutionized Cera Care's testing strategy, allowing them to focus on their mission of transforming home care.