**sketch** development

Better Teams // Better Software

# Rewards Program Introduces Seamless Experience for their Partners' Customers

One of the largest payment-processing corporations reengaged with Sketch to leverage recent experience related to their rewards system. The client needed to create a single standalone site that can serve multiple merchant programs to allow cardholders to view recent transactions and apply earned rewards points.  They wanted to ensure the cardholder would also be able to set preferences on applying rewards to upcoming purchases.

**TECHNOLOGIES BEING LEVERAGED INCLUDE:**

**Programming skills:** Java, Spring Boot, React, Typescript, Nx.js, and Cypress

> **Sketch's deep expertise in the current software development tech stack accelerated a key consumer experience product for our customers!**
>
> — VP, Development

## CHALLENGE

**With a growing number of merchant partners, our client wanted a new solution able to offer a low-touch integration between their merchant partners and our client's own rewards platform.** Current solutions required a lot of heavy lifting on the merchant's part and could take a long time to implement.

Sketch also had to take into consideration some initial challenges:

- Allowing a merchant's single sign-on (SSO) mechanism to be used for authenticating and authorizing users for the rewards management site

- Providing white-labeling features balancing the merchant's need to maintain user experience with our client's need to provide cardholders with a consistent interaction with their rewards system

- Allowing users to register their merchant-branded cards and enroll in the rewards system
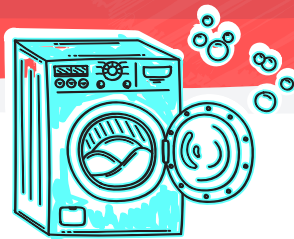
## SOLUTION

**Sketch created a new multi-tenant application from the ground up, incorporating our client's security frameworks and best practices including fully automated tests and deployments, and adherence to accessibility standards.**

 All of the features implemented in the solution were done with multi-tenancy in mind. Each merchant integration includes single-sign-on capabilities, highly customizable white-labeling options, feature customization, and strict authorization controls to ensure privacy of merchant and cardholder data.

 The solution was also created to support internationalization in order to be viable to the diverse set of merchant partners. In addition to locale specific currency and number formatting all of the content, including custom white-label verbiage, can be presented in any number of different languages.

## RESULTS

**After we implemented the solution, our client is now able to offer its merchant partners seamless integration with its rewards platform.** Onboarding to the application can be accomplished with little effort from our client or its partners.

 The partners can enjoy a feature-rich solution that is fully customizable to their branding and program needs.

Our client can now offer their services to more merchants more quickly and consistently. By centralizing the implementation within their own systems, our client can easily scale the solution to any number of merchants, upgrade the platform to offer more features in the future, and have peace of mind that the security aspects and data protection is internally controlled.