

INDUSTRY

Mobile Payments

NEED

Our client contacted Akraya because their Android app was lacking a fingerprint authentication eco-system.

SOLUTION

Akraya's team leveraged their expertise in integrated mobile environments and helped our client deliver a fingerprint authentication solution for the Android eco-system. The Akraya team worked extensively with the client to bind the client's account and Samsung account using the Samsung Wallet and client wallet app (Mobile APK) on the Samsung Galaxy devices for a seamless checkout experience, including a 2-click buyer experience (Proxy Login). The solution was developed using the latest Spring and RESTful web services technologies. Exhaustive testing was done with Samsung devices to ensure a bug free solution.

RESULT

The fingerprint-based authentication solution (FIDO—Fast Identity Online) for the Android eco-system and Samsung Galaxy phones was launched successfully in 25 countries.

Project POEM is our client's authentication and payment solution for the Android eco-system which enables authentication at the device level rather than the application level, leveraging fingerprint and other device-specific authentication mechanisms on the Samsung Galaxy devices.

TOOLS

- Java v1.7
- Corona Icarus 1.0.0
- Eclipse (Helix 7.x)
- JBoss 7.1 server
- GIT
- Spring 2.5
- RESTful web services
- Fusion
- Maven 3.x
- OAuth 2.0
- OpenID Connect