

Development of a New Mobile Banking Application

Challenge

The client required a solution to ensure their mobile application featured a customizable design while seamlessly integrating with all existing backends. Additionally, they requested the creation of native mobile applications for both Android and iOS platforms, starting from scratch and within a stringent deadline.

The project demanded the development of a mobile backend and integration with various endpoints, such as client information, bank accounts, transaction history, transfers, among others.

The simultaneous development of the mobile app alongside the design and backend posed a significant challenge, especially in maintaining progress when integrations were delayed and not ready for testing. Parallel development and endpoint simulation tools were employed to facilitate swift advancement.

Solution

Staff augmentation solution provided, with a Team Leader coordinating efforts among several senior iOS and Android developers utilizing Swift and Kotlin. A Software Engineer Architect was responsible for building the system to guarantee compatibility and optimization with the hardware structure. The team also comprised a Scrum Master, Quality Engineers, UI/UX designer, and backend engineers.

By using the SCRUM framework and establishing best practices, we guided the client's journey to maturity, scaling Agile across business units.

Result

In less than a year, the collaborative effort resulted in the successful readiness for production of both Android and iOS applications. The launch allowed many clients transitioning to the new application in a very short time. The newly developed digital banking application offered enhanced functionality, improved stability, an upgraded user experience, and a superior login system.

