

CASE STUDY

Innominds

A Mobile Companion App Solution for A Better Smartwatch Experience & Realizing Fitness Goals

Mobile application development – iOS & Android

Mobile companion app development

Integrating USB/Bluetooth interface with smartwatch

Synchronization of workout and fitness/sensor data to cloud

Provided a well-rounded, complete fitness data information

Enhanced user experience and social integration



Executive Summary

The client is one of the largest watchmakers in the world – a pioneer in designing, manufacturing and marketing innovative timepieces and jewelry. The client was looking to develop a companion app that complements and enhances their brand experience on smartphones.

Innominds, as a solution provider, developed a companion app, which could interact with multiple wearables, collect information, store and analyze the data from the cloud and help users get motivated to improve their fitness levels. The resultant benefits included a seamless, uniform mobile app experience connecting to customer's smartwatches that supports and inspires the users in meeting their fitness goals.

Client Profile

The client is one of the premier watchmakers and has been in the business providing innovative, well-designed and reliable timepieces. It also manufactures GPS enabled watches, heart rate monitors, fitness watches and high-tech devices.

Business Challenge

The client was looking to develop a companion app that complements and enhances their brand experience on smartphones. They required a companion app, which could seamlessly interact with multiple wearables, collect information, store and analyze the data from the cloud. The client was looking to improve the user experience of the mobile application that works in sync with customer's smartwatches.

Client Benefits:

- Utilization of companion app to provide complete fitness data to the user with an enhanced user experience and better social integration
- Improved mobile app experience connecting to customer's smartwatches, which supports and motivates the user in meeting his/her fitness goals
- The solution subtly induced the fitness mottos by providing the right fitness information and actively engage and inspire the users to improve their fitness levels

Tools and Technologies

- Android
- Swift
- BLE
- JIRA
- iOS
- Objective C
- Firmware upgrade

Solution

Innominds developed a companion app for the client on multiple watches, which could interact with multiple wearables, collect information, store and analyze the data from the cloud and help users to improve their fitness levels.

Utilization of companion app to provide complete fitness data to user with an enhanced user experience and social integration.

It collects data and helps connect the user with the mobile app to track, monitor and achieve their fitness goals.

Key features developed for the app includes:

- Integrating Bluetooth interface with the smartwatch
- Synchronization of workout and fitness/sensor data to cloud
- Activity view, sleep history, workout list and summary of activities
- Integration and uploading of data to third party fitness websites
- Download and update to ephemeris GPS data to the watch

About Innominds

Innominds is a Silicon Valley-based Product Engineering Services and Solutions company headquartered in San Jose, CA. Innominds offers co-creation services to enterprises for building solutions utilizing digital technologies focused on Devices, Apps, and Analytics. It provides expertise in the field of Cognitive Analytics, Connected Devices & Cloud Apps and assists enterprises in their digital transformation initiatives.



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