

Case Study: Mobile Application with hardware integration for Unique Windows Services

Client

Based in Queensland, Australia, the client is in the business of providing automated windows control equipment solutions for over 20 years.

Challenges

The client sought a novel mobile application that made it possible to control the windows, room and kitchen doors of a house with the help of that app. Given the complexity of the requirement, the client was not sure of the capability of any mobile app development company to be able to deliver it.

Solution

With the aim to provide a unique and innovative solution, ISHIR's team presented a Proof of Concept (POC) to the client. Impressed with the POC, the client was keen to have ISHIR's mobility experts to develop the app. With the result-driven engineering approach, the team was involved in design, development and hardware integration of the mobile app. With regular communication and status update meetings with the client, there was complete transparency throughout the development process.

The team associated all doors and windows with relay based hardware device and the mobile application has WiFi connection with that device. As a user sends an open or close signal through the mobile application, the device helps to complete the action of automated control of the windows and doors.

Some of the key features of the application include:

- WiFi connection between application and relay hardware
- Easy automated control from any location as far as there is connection with relay hardware

Technologies: iOS and Android