

MediKnit

Project Case Study

Type	Client	Location
Mobile App	Heximo PTE	Singapore

Product Overview



Mediknit was developed as a collaboration tool for doctors to interact with peers in medical societies. The app enables doctors to save medical cases with images for future references securely. Societies can engage the doctors by sharing important information regarding the activities, educational materials, journals. The doctors can also reach to peers using a chat function.

Client Need

We were approached to build a scalable medical grade mobile application for doctors to chat in between, across multiple platforms seamlessly. It should allow doctors to have a hassle free collaboration tool to share their experiences with each other. The App should be accessible across geographies.

Our Offering

Build a native app in android and IOS

Backend designed using MS SQL Server to process huge data

Simple UI's with minimal graphics but high on content for better performance.

The APIs were developed using WCF services using REST protocol

Offline mode option so that a doctor in a rural area without network is also able to interact with the app and gain the information as good as anyone with a network connection

Technology Used

Mobile Platforms

Android

IOS

Backend

Asp.net

MS SQL Server

WCF Service

Challenges Faced

→ Offline feature

Making the app available to doctors even without a network connection or poor connection was one of the major challenge faced as this app pulls data frequently from the server.

Solution

Store all data in the local device and only enable the menu options which doesn't require internet. Thus the user would see a intuitive screen.

→ Doctors are least tech savvy

Solution

Design the app so carefully that all screens has a '*call to action*' button without disturbing the flow of the app or UX

→ Chat

Secure chat platform where doctors can share files in a secured environment.

Solution

We integrated the *aplozic* chat platform to solve this issue

Impact on Client Business

A world class app which keeps doctors updated about the of the latest developments in the medical field and allow them to stay ahead in the healthcare field irrespective of their geographies.

Screens

