

Aster Chronic Care

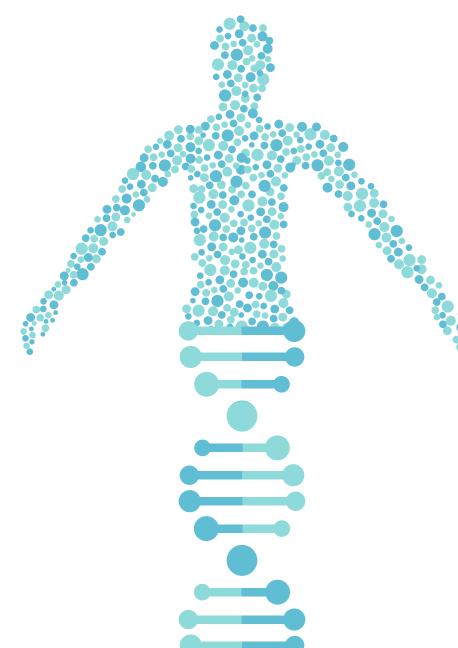
Mobile Application | Health & Fitness











Background

Client: Aster DM Healthcare

Headquarter: India

Launched: 2017

Aster DM Healthcare provides comprehensive healthcare services of the highest quality in the geographies they locate in. Aster DM Healthcare has transitioned into being a growing network across the Middle East and India.

They have started a new program called **Aster Chronic Care** to manage chronic diseases (Diabetes, Hypertension etc.) that will enable customers to manage their chronic diseases by use of an Intelligent Health Service Platform.

For their patients who registered for the Aster Chronic Care program. Aster wanted to build a **mobile application** for keeping track of the health of patients right from the comfort of their homes.





Challenges

Device Communication

Establishing a communication bridge between Bluetooth and mobile devices

02 Faster go to market

To gain first mover advantage in healthcare to provide analytical end to end solution to a user

03 Scalability for High Growth

Build and testing a product for millions of existing customers of Aster healthcare.







Solution

SYMB Technologies was approached for the end to end development of the mobile app

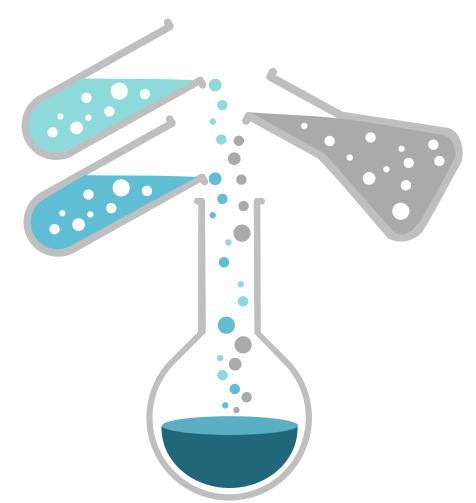




Proof of Concept

Reverse engineering of the bluetooth devices to establish communication between the devices and mobile app over BLE

Parsing the data stream from bluetooth devices and parsing it for meaningful information



Testing the bluetooth communication between devices and mobile app on different platforms and phones







Development Approach

UI Designing

Once the requirement were freezed we designed the prototype of the application for minimize the risk in future.



Project Planning

Project planning by dividing it in multiple milestones and set the timelines as per it, etc.



Project Execution

Execution in Agile mode to by continuously taking feedback and incorporating the same in new build



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Business Requirement

Freezing of the complete requirement was done to understand the complete scope of the project.



Resource Allocation

As per the decided plan and requirement of the project we started assigning resources to the project.



Quality Assurance

Quality of the product ansurred by testing the application on multiple platform and in different devices



Launch for Public

After the approval of UAT and execution, we launched the product on play store.







Result











Using BP and BG pulses and glucose on mobile app helps user to track and analyse them



The mobile app helps doctors for better diagnosis with the help of Intelligent business reports

Scalability

Mobile application can be integrated with BP and BG devices from other manufacturers

BLE Integration

Helps SYMB to develop expertise in BLE communication





Technology & Tools













Thank You

Feel free to reach us at info@symbtechnologies.com with any business challenges you are facing



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