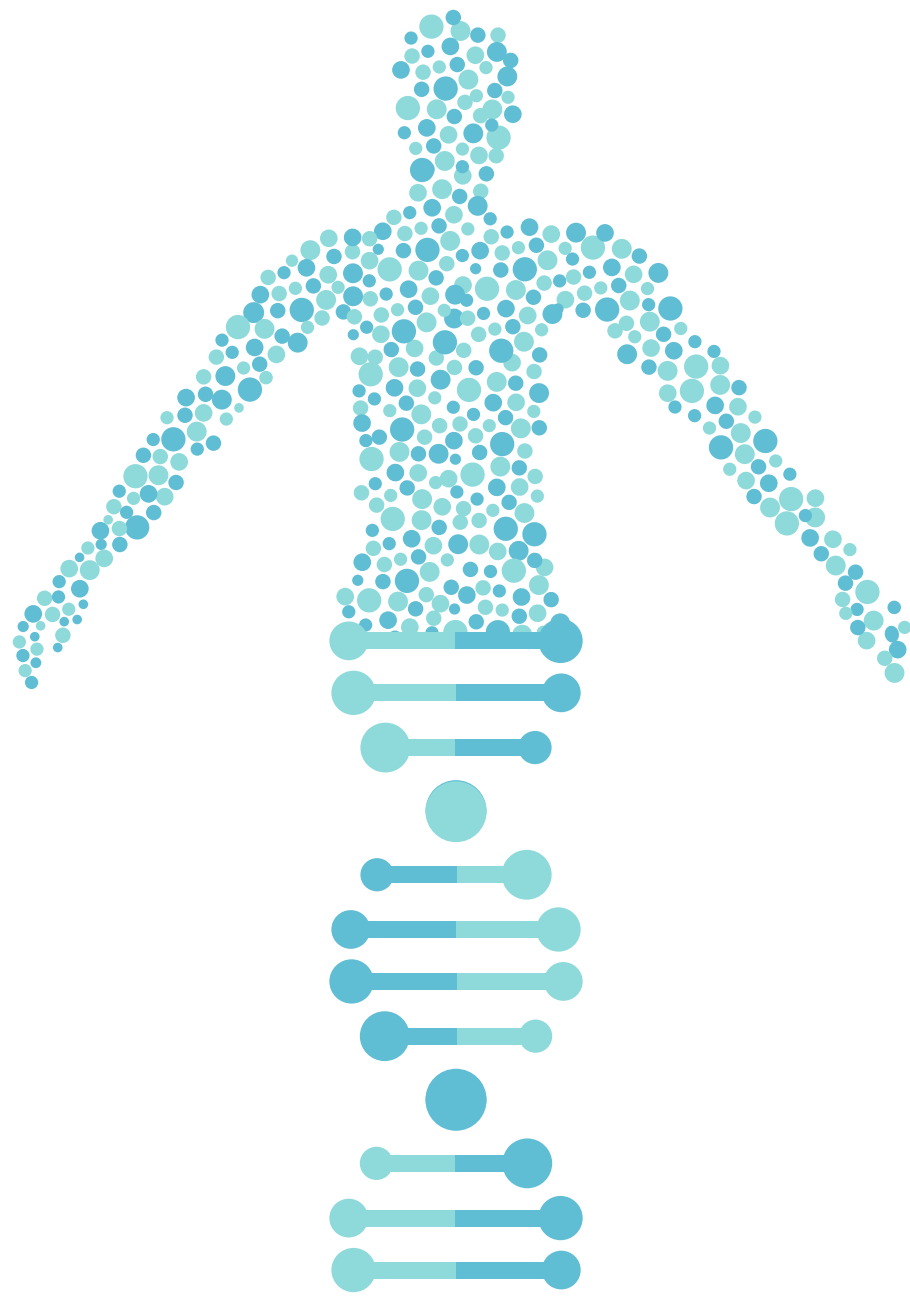




Aster Chronic Care

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

01 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

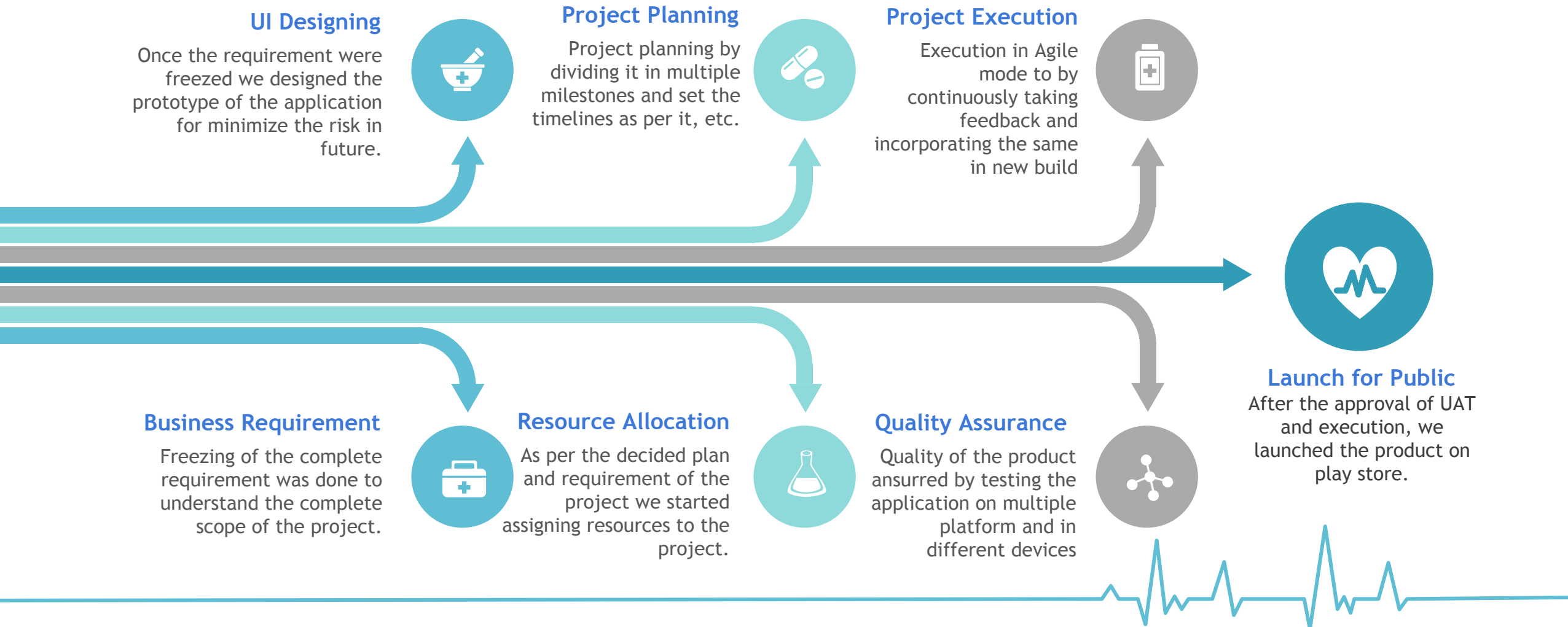
Parsing the data stream from bluetooth devices and parsing it for meaningful information



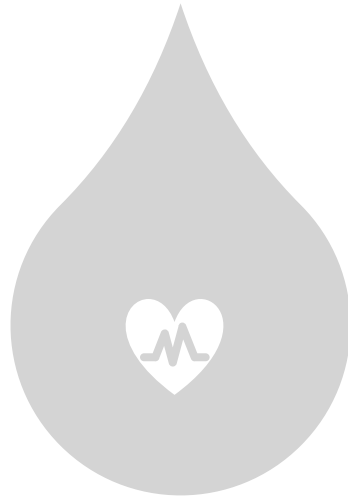
Testing the bluetooth communication between devices and mobile app on different platforms and phones



Development Approach



Result



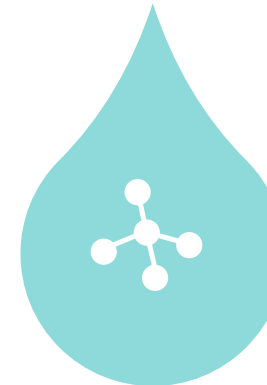
Easy to Use

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



Better Diagnose

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



MPAndroidChart
created by Philipp Jahoda



Thank You

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

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