Dotsquares

Dotsquares

Global Clients

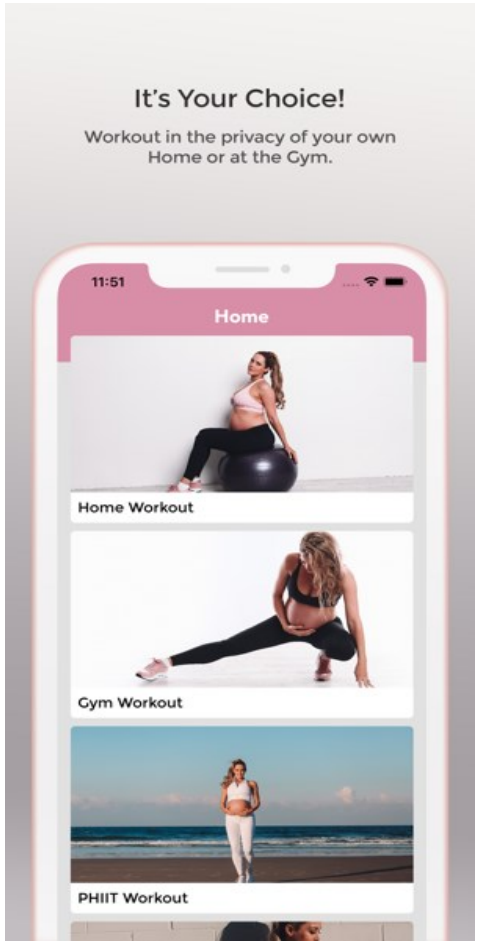
Dotsquares

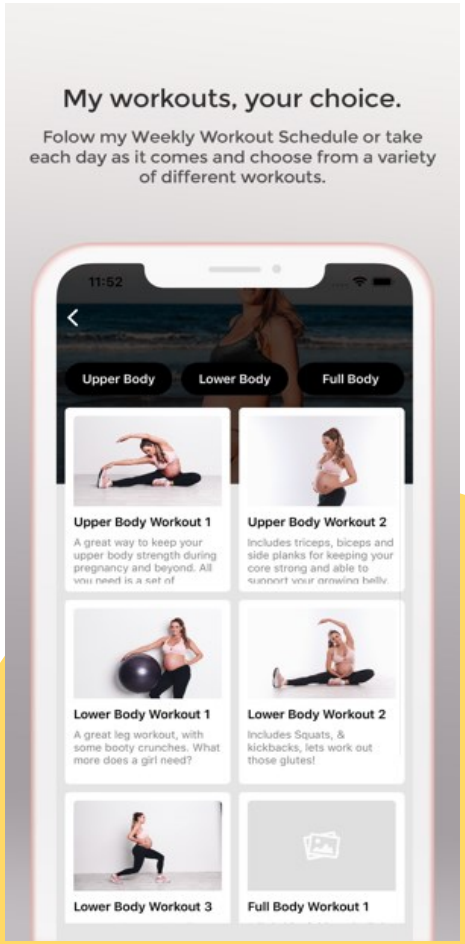
Tech Stack

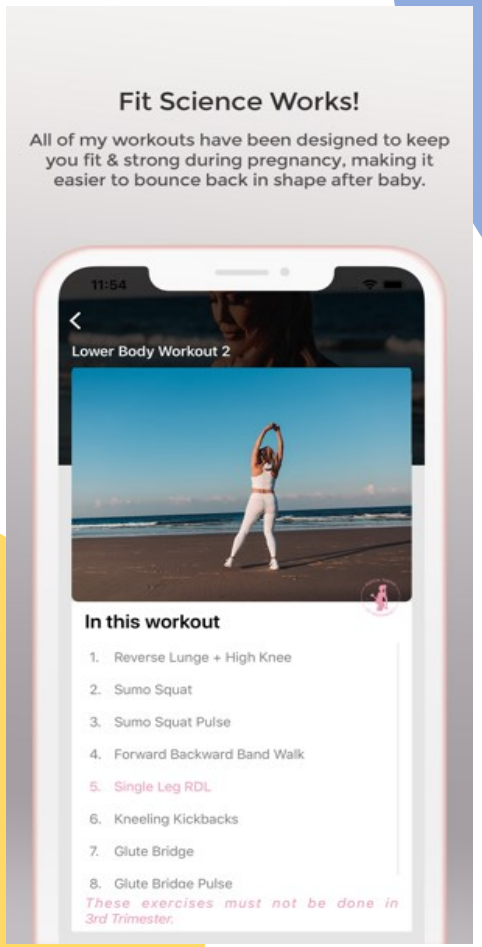
From gigantic to a miniscule requirement,
our solutions always deliver the desired results.

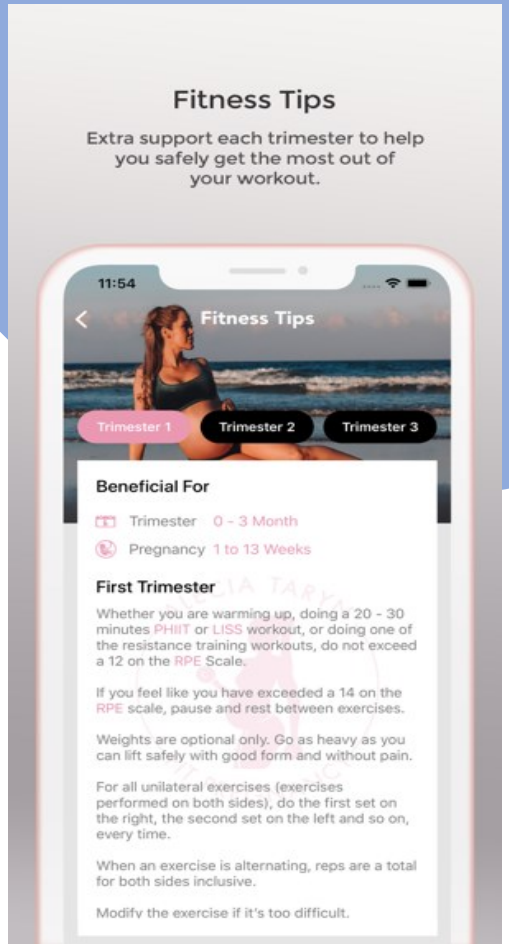
Fit Pregnancy

iOS Link: https://apps.apple.com/gb/app/fit-pregnancy/id1437971937
Android Link: https://play.google.com/store/apps/details?id=com.fit.pregnancy.fitpregnancy&hl=en



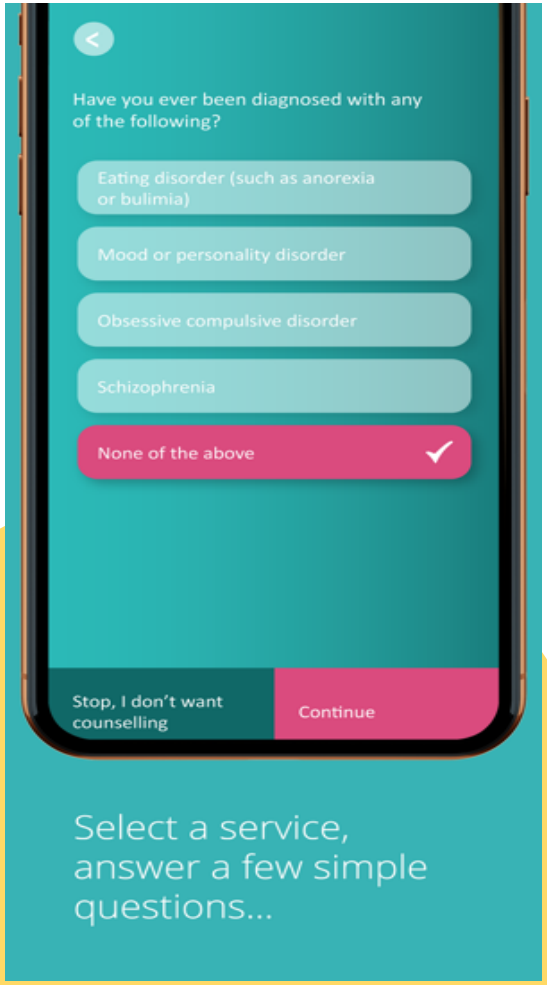


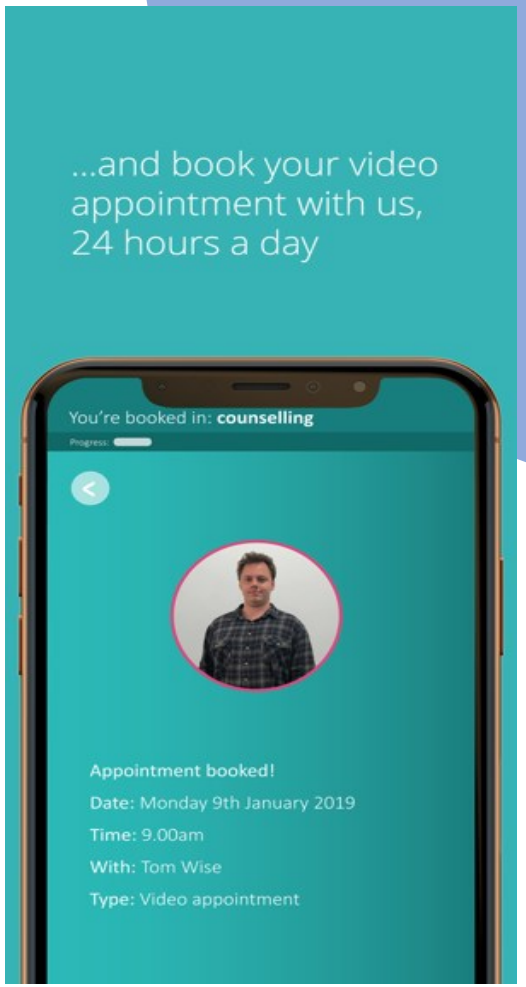




Smart Clinic

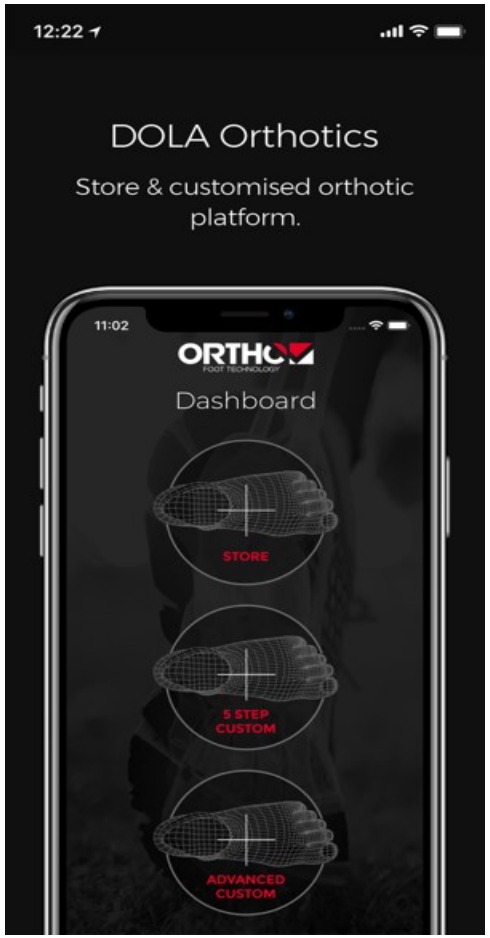
iOS Link: https://apps.apple.com/us/app/smart-clinic/id1433894182?ls=1
Android Link: https://play.google.com/store/apps/details?id=com.aplhealth

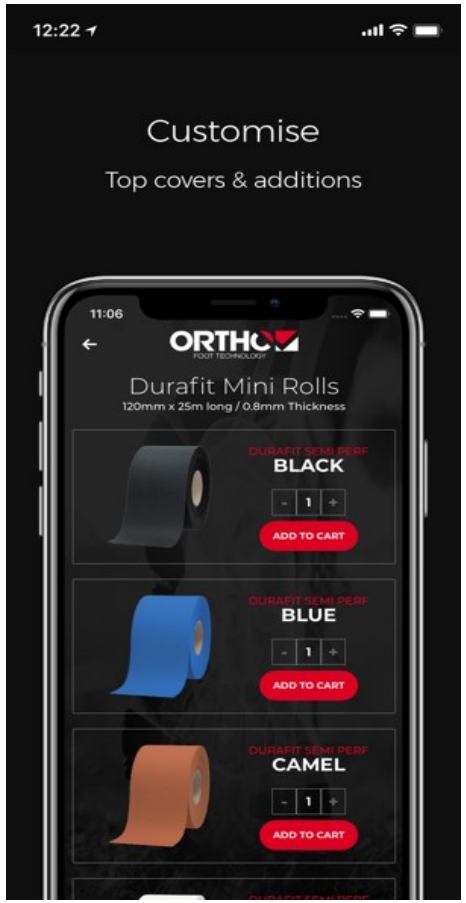




DOLA Orthotics

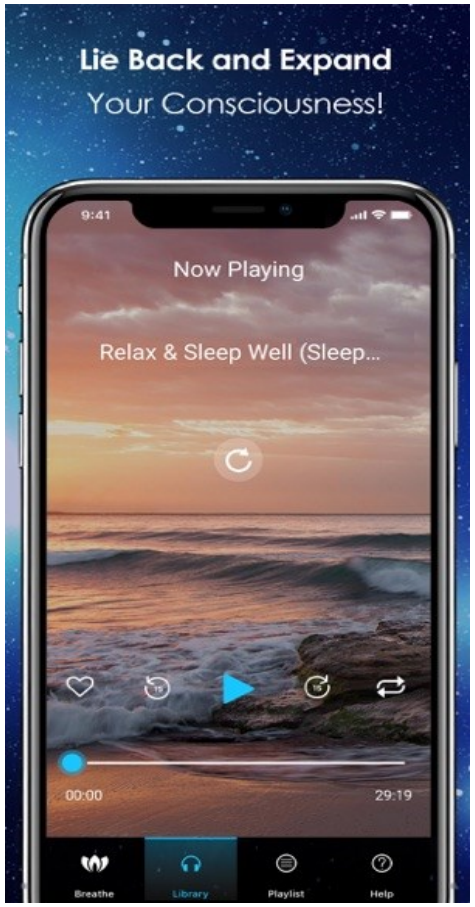
iOS Link: https://apps.apple.com/be/app/dola-orthotics/id1462016418
Android Link: https://play.google.com/store/apps/details?id=com.orthotic

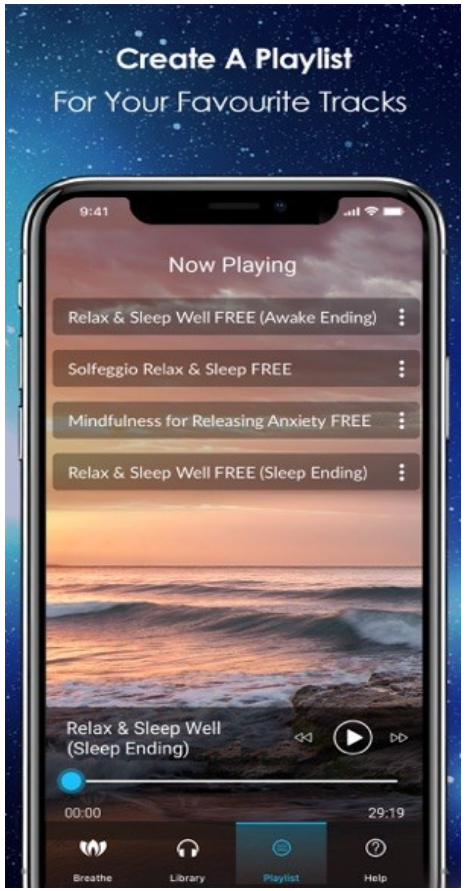




Relax & Sleep Well

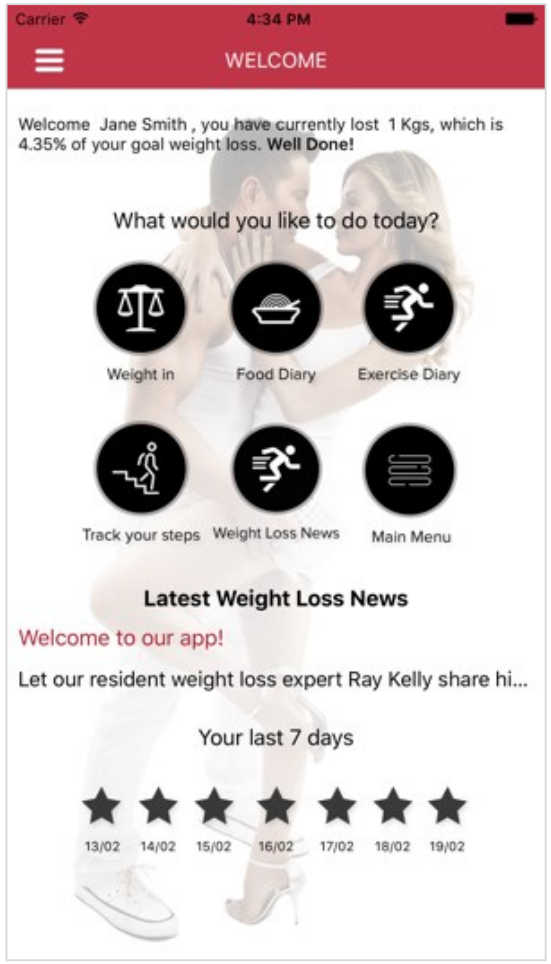
iOS Link: https://apps.apple.com/us/app/relax-sleep-well-by-glenn-harrold-relaxation-self-hypnosis/id412690467?ls=1
Android Link: https://play.google.com/store/apps/details?id=com.imobilize.relaxsleepwell

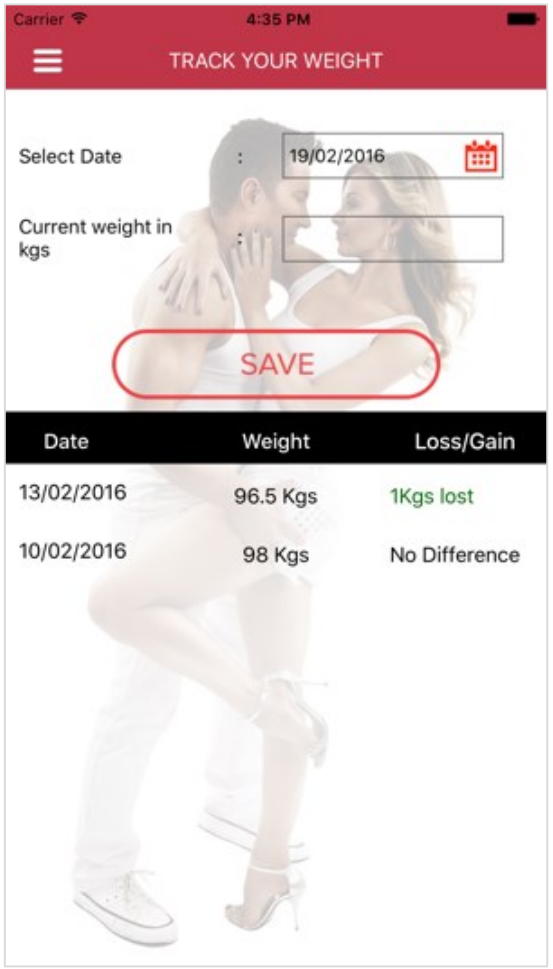


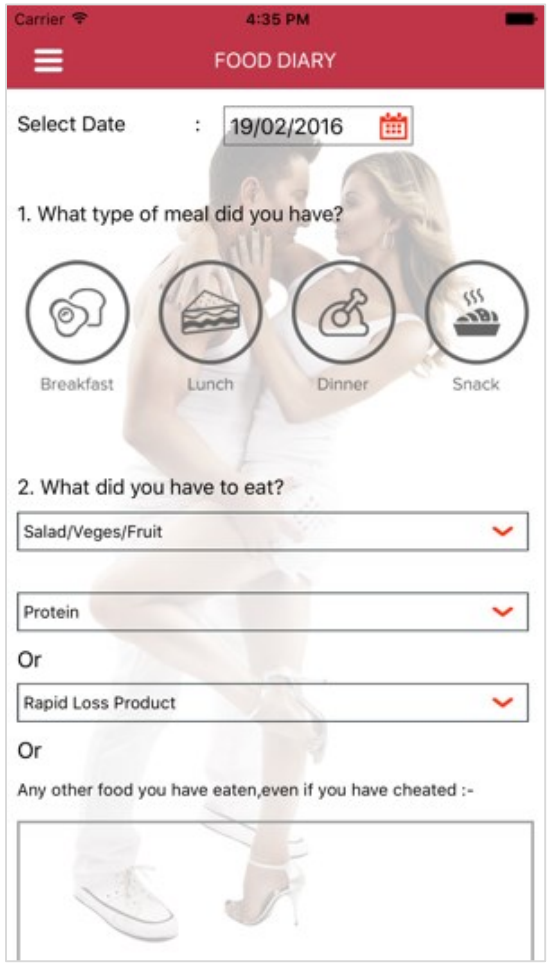


Rapid Loss Clinic

iOS Link: https://apps.apple.com/au/app/rapid-loss-clinic/id1085527141







IM1 & System One Integration

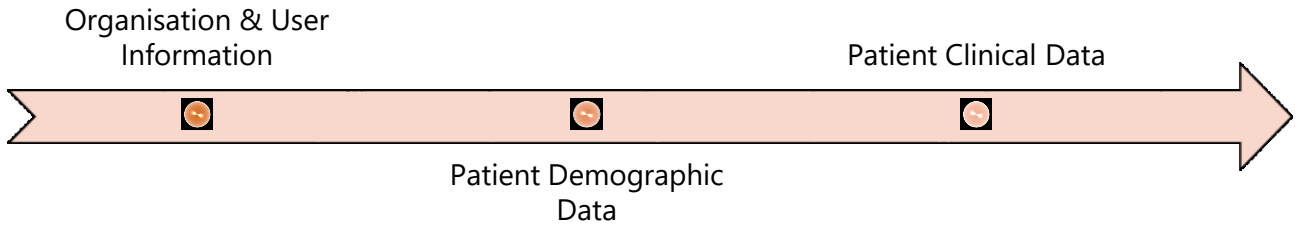
The Principal Clinical System suppliers have provided interface mechanisms using different technical approaches and schemas. Each PCS (EMIS, TPP, Vision and Micro test) has made available three interfaces to allow access data to Consumer Systems – these interfaces are referred to as Transactional, Bulk and Patient

- Transactional - The services exposed by the Transactional Interface are to provide real-time information about patients and is designed for use within GP Practices. The transactional interface requires a component to be installed on the local practice machine which would interact with a PCS client. The services exposed by the Transactional interfaces are only available to Consumers within the same Practice and in some cases from within the same workstation.

- Patient - The Patient interface is designed only for systems used directly by Patients and it is real time. To use the interface, you will need to meet some of the Authority's Patient Facing Services requirements (these will be provided to you). Also, this will require the patient to have gone through a process of online service access registration with their GP Practice.

- Bulk - The Bulk Data interface provides data about patients and to some extent the users of a PCS. The list of data items provided by the bulk data interface is bespoke to each PCS suppliers implementation of the interface and can be found within the Pairing Integration Pack (PIP).

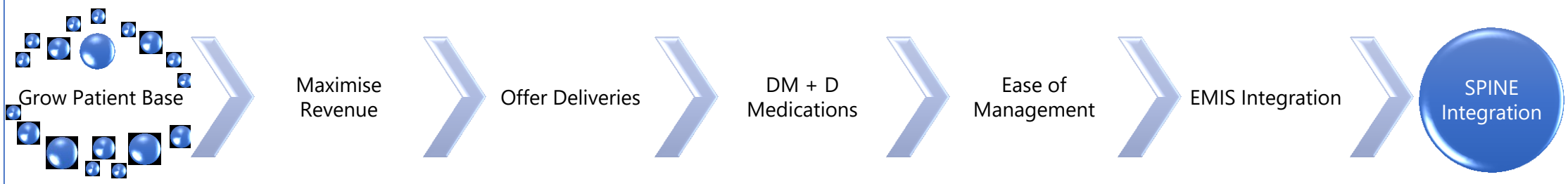
Following Services will be Provided:



IM1 & System One Integration

For Patients

For Pharmacies



Bluecrest Health Screening

We developed a user interactive front end website with the listing of all the services and packages provided by Bluecrest Wellness. Apart from this we developed a system wherein the user will be able to book appointments with screening specialists/clinics via web/phone calls; we developed separate login dashboards for the following user roles:

- Screening specialist
- Doctor
- Phlebotomist
- Contact centres (BPO's)
- Directors

The system has a built in facility to pull the reports of all the medical tests that are performed at various screening centres and update those results on patient as well as doctors dashboard. The user will be able to generate PDF's of the shared medical report.
We have implemented two portals and CMS websites one for booking and other for screening process package on different sub-domains.

The entire system consists of several sub-domains on which various CMS as well as service websites are managed. The entire system and content is managed through a vast web-based admin panel which allows the user to manage all the content on static websites as well as manage the users and bookings.

- https://booking.bluecrestscreening.com/ Booking Portal
- http://www.bluecrestwellness.com/ Informative Website
- https://results.bluecrestscreening.com/ Report Generation
- http://www.bluecrestscreening.com/ Informative Website

IoT Enabled

IoT Based Projects

01

We worked on a project which was targeted for monitoring, accessing information related to the users or patients.

02

We developed separate apps and web panel for doctors and patients to interact with each other via different smart devices and sensors.

03

We used smart devices like smartplugs, oxymeter, BP machine which are connected to the central hub via BLE & Zigbee Protocol

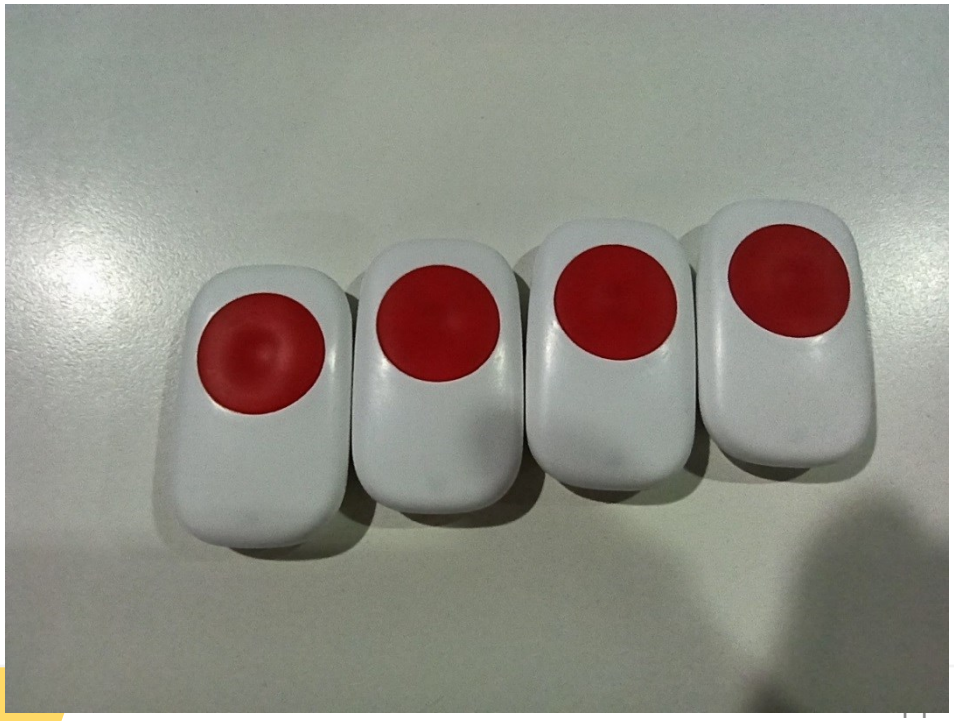
Devices We Worked on

Smart Plug

This is a smart plug which works under BLE Sensors, whenever a user connects a device with this plug it sends a BLE event to the connected hub.

Panic Buttons

These are the Panic buttons which works under BLE technology, whenever this button pressed it sends an event to the connected hub



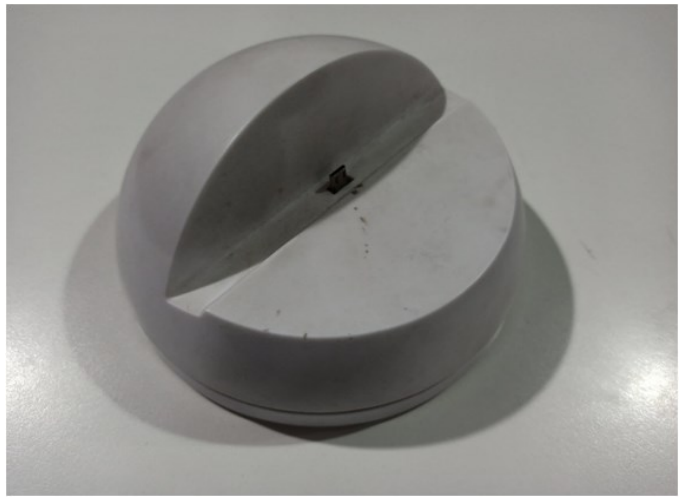
Devices We Worked on

Multi Sensor

These are the sensors which works under BLE technology/protocol. It connects some more devices via USB port or BLE like wet sensors, temp sensors, door sensors etc.

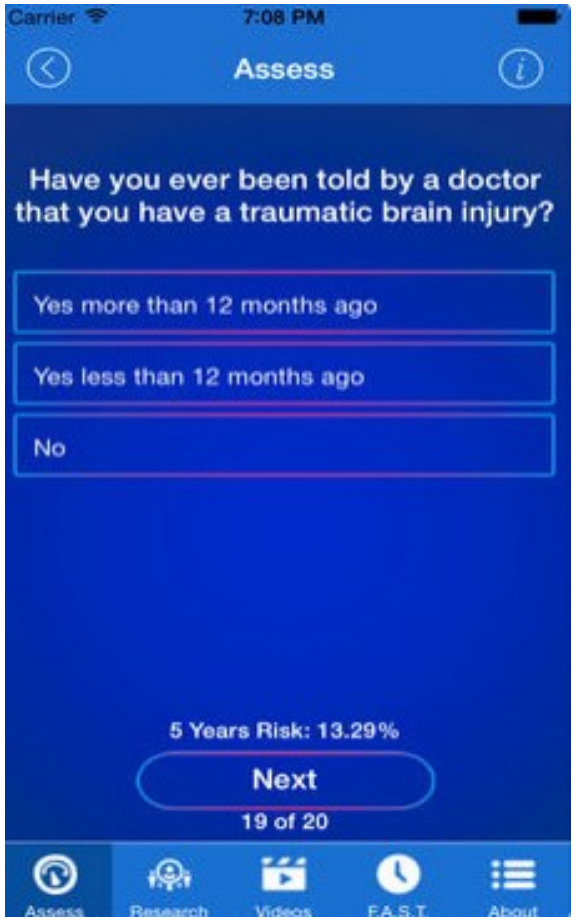
Oximeter

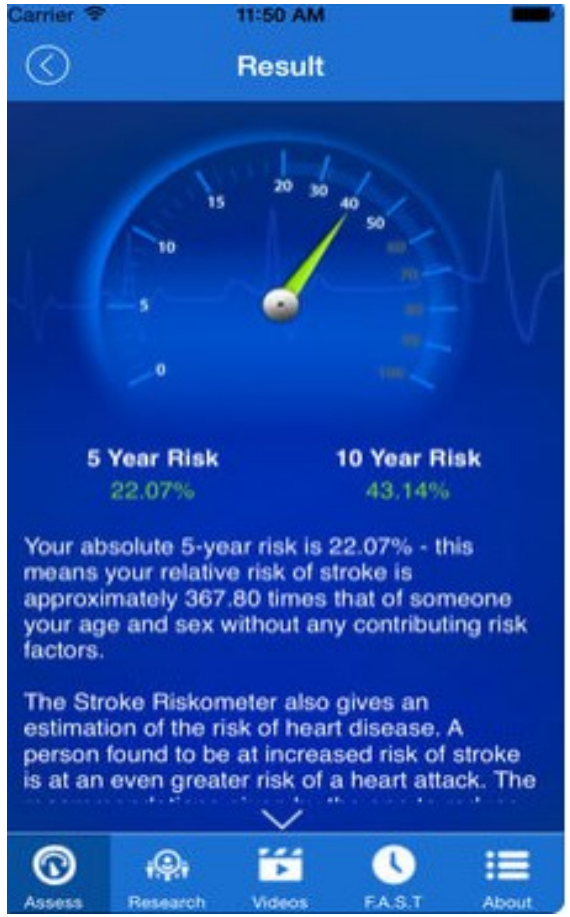
This sensor is used to send medical oxygen level in blood readings via BLE protocol to hub.



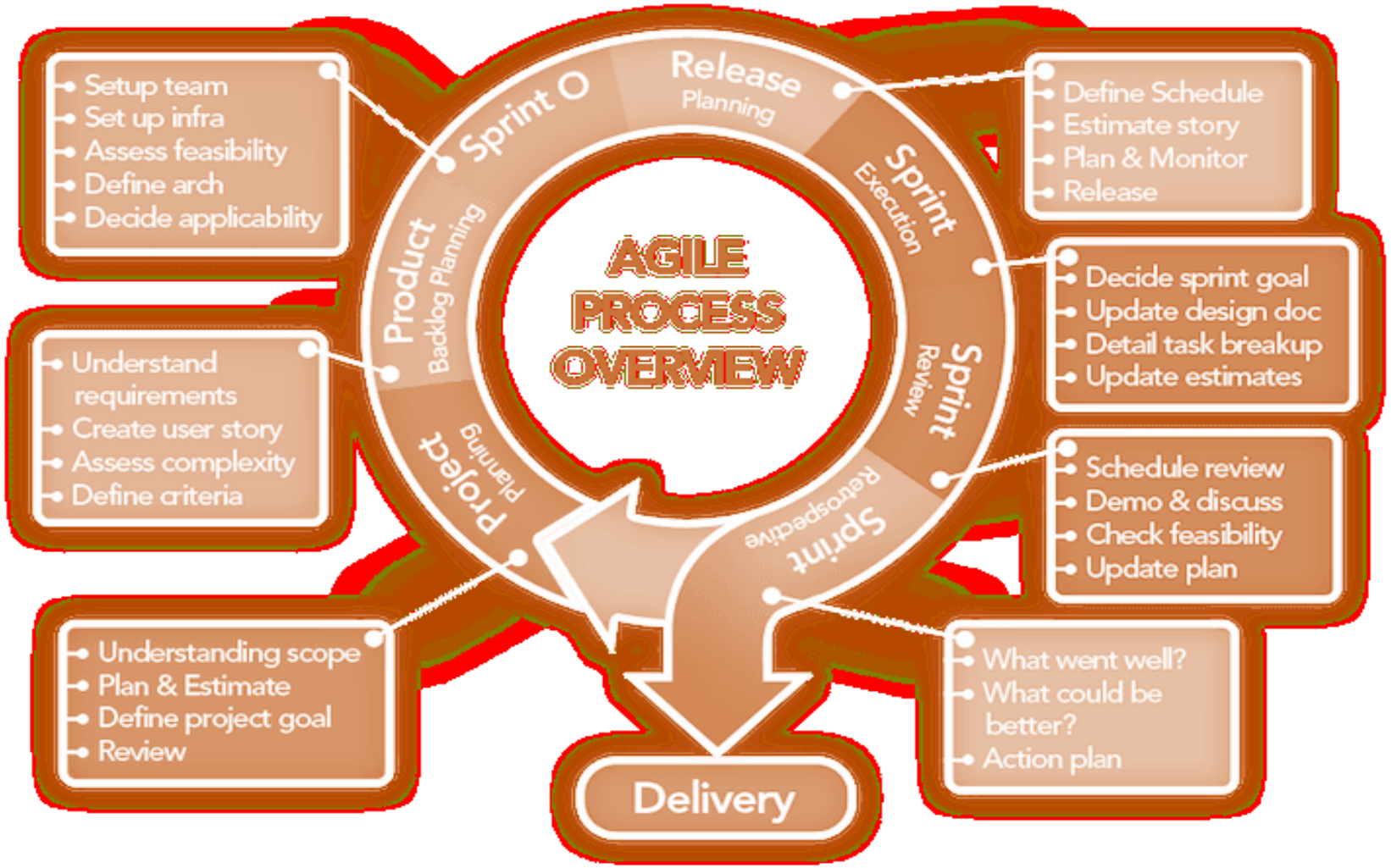
Riskometer

Selected in Top 3 Apps on iTunes Store
https://apps.apple.com/bg/app/stroke-riskometer-pro/id1206310778





Software Lifecycle



Our Capabilities

1. Successful deployment of AI/ML services to achieve human parity in computer vision, speech, and language. Deploy Cognitive Services anywhere from the cloud to the edge and hands-on with production-grade containers like Kubernetes.

AI/ML Service

2. I0T implementation for an NHS affiliated client to deploy an array of health measurement instruments across the UK, which can be monitored using a centralized system having control of all data captured.

IOT Implementation

3. Implementation of peer to peer network powered by smart contracts (the tech behind Blockchain) in combination with Artificial intelligence and Machine learning modules for an insurance company working for migrants.

Peer to Peer

4. Experience with various I0T technologies like Wi-Fi, Cellular (2G, 3G, 4G, LTE), Bluetooth, BLE, Zigbee, NFC, RFID, Z-Wave, Serial, iBeacon, MQTT COAP, AMPQ, XMPP, and ZeroMQ.

Experience

Our Capabilities

5 We hold honor to be the technology partner of Guinness world record holder I0T implementation.

Guiness Re

6 These are the sensors which works under BLE technology/protocol. It connects some more devices via USB port or BLE like wet sensors, temp sensors, door sensors etc.

CMMI Dev 3

7 IoT implementation to Monitor health tracking through the connected hub and sensors using 360-degree rotation of the hub to capture the surrounded activities.

Healthcare

8 Integration of globally distributed, multi-model database service, which enables the clients to independently scale throughput and storage and take advantage of fast, single-digit-millisecond data access using structures like SQL, MongoDB, Cassandra, Tables, or Gremlin.

Database

Our Affiliation

Thank You