

CASE STUDY

Clinical Trial App based on IoT platform





Overview

The client is a well-known Fortune500 biotech giant in medical science and innovation field doing great medicine discoveries for patients with serious illnesses.

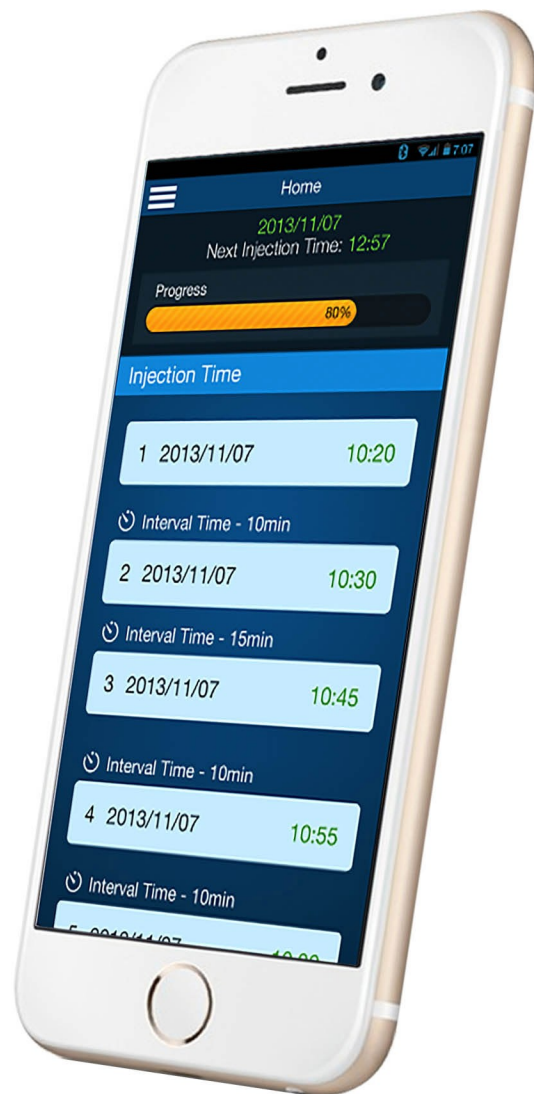


Business Challenge

The customer wanted to conduct a Clinical Trial for IoT enabled drug delivery to the patients. Mobile Programming assisted the customer to find out feasible solution and develop Clinical Trial IoT enabled application to make the Clinical Trial a success.

Solution Devised

- Role based authentication module
- Injection schedule setup module
- Display injection schedule
- In-app reminder notifications
- Injection tracking via BLE device proximity
- Drug delivery trend analysis



Infrastructure, Platform and Resources

- Intuitive and responsive Cross Platform Application
- Mobile Programming experts involved in the project – PM, iOS developer, android developer, UI/UX analyst and QA analyst
- As the industry best practice and agile methodology, the application builds were shared with the customer at the end of each SPRINT. A Sprint typically lasts for 1-1.5 weeks. Feedback received from the sprint was accommodated before the start of the next sprint to make sure the correct functionality of the app. The app development lasted 9 weeks with ongoing support and maintenance



Value Delivered

Top class IoT centered application for managing Clinical Trials well and efficiently. This integrated technical and clinical research application has assisted planning, managing, conducting and analysis of clinical trials.