



## CASE STUDY

# Smart Diabetes Monitoring





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## Overview

The client wants to develop a cloud portal and mobile application for smart diabetes monitoring with a self-care management system that can monitor patients' or users' day-to-day diabetes-related parameters and give reports and data in real-time.







**Region**  
USA



**Industry**  
Healthcare

## Use cases

-  Track medication intake and provides smart reminders for type, dosage and repeat time
-  Keeps nutrition parameters including energy, carbohydrates, protein and fat.
-  Track blood glucose, diet and other data logs easily and quickly
-  Receives blood glucose readings from the variety of glucometers and sends alerts the patients of high and low blood glucose.





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## Development insights



Tracking crucial factors of diabetes patients, such as food habits, lifestyle, exercise data, and glucose level, was stored in a single mobile application.



Periodically glucose and blood reports, medical history of appointments and health records are also stored using single cloud-based applications.

## Technology used

