Revolutionary Diabetes Artificial Intelligence Mobile Application for Managing Diabetes Patient

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Abstract:

Diabetes is a complex disease with serious complications, which can damage many organs in the body. Proper medication and blood sugar control are crucial for maintaining health. However, as diabetes is a delicate and complicated disease in addition to medical treatment, diabetics need electronic tools to help them manage their disease.

The purpose of this paper is introducing a revolutionary multi-platform, multi-screen mobile application designed to diabetes management. This application able to recommend suitable meals for better and more precise control blood sugar level. Furthermore, it offers a virtual doctor all the time for answering patient questions and providing guidance. Additionally, it allows users to record and analyze their blood sugar levels, generating statistics on their average levels over time.

This application is developed using react native as framework and JavatScript as programming language. These new technologies are mixing with artificial intelligence.

The result of this work is a revolutionary intelligent diabetes multi- platform multi-screen mobile application named Diabetes.Ai, which works correctly. When we say multi-platform that means that works for different platforms like android, iOS, windows. etc. In the same, way when we say multi-screen that mean that works for the different size of screens like mobile, tablet, or wristwatch...etc.

In conclusion, Diabetes.Ai is a new approach for the diabetes management application, which ensures efficient management of blood sugar levels through the prediction of the glycemic index in meals before eating all using Artificial intelligence.

Keywords:

Diabetes, Revolutionary, Multi-platform, Multi-screen, Artificial Intelligence.