Title of the Project : DiabeTrack – Smart Diabetes Monitoring and Lifestyle Assistant

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# ABSTRACT

DiabeTrack is a smart diabetes monitoring and lifestyle assistant designed to help diabetic patients track glucose levels, receive medication reminders, and analyze trends using data visualization. The system integrates Bluetooth-enabled glucometers, Firebase-based authentication, and a Flask backend with machine learning for nocturnal hypoglycemia risk prediction.  
  
The application provides adaptive tablet reminders, lifestyle tracking, and predictive insights to promote better glucose control and overall well-being. By combining real-time monitoring, data analytics, and personalized health recommendations, DiabeTrack empowers users to manage Type-2 diabetes efficiently and make informed health decisions.