

Project Design Phase-I
Proposed Solution

Date	8 November 2023
Team ID	593184
Project Name	Project – Diabetes prediction
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Dealing with diabetes can be a bit problematic. The modern prediction equipment is a bit of a problem – not precisely person-friendly and lacking that private touch. So, our project is easy. We're diving into developing a diabetes prediction device it's no longer simply accurate however additionally looks like a dependable companion in managing your fitness adventure.
2.	Idea / Solution description	Imagine this: an incredibly easy-to-use web application with the best user interface for the users. Real-time diabetes prediction is at your fingertips. It doesn't predict well. It's about managing your health in a way that's right for you.
3.	Novelty / Uniqueness	What makes our solutions unique? We combine machine intelligence with user-friendly design, creating a unique combination. We don't just predict; We are creating an unprecedented experience in the diabetes prediction setting.
4.	Social Impact / Customer Satisfaction	Social impact matters, as our solutions empower individuals to take control of their health. By providing accurate forecasts, personalized

		recommendations, and a sense of community, we aim to increase customer satisfaction and contribute to better health. Users will feel supported and informed on their journey to better health.
5.	Business Model (Revenue Model)	Our proposed business model follows a freemium approach. Basic diabetes prediction services and community engagement features will be offered for free. Premium features, such as advanced analytics, personalized health plans, and exclusive community content, will be available through a subscription model. Additionally, strategic partnerships with healthcare providers for data insights could contribute to revenue.
6.	Scalability of the Solution	Our solution is designed with scalability in mind. The machine learning model can be easily scaled by incorporating larger datasets and continuous model improvement. The web application, built on a scalable framework, ensures a seamless experience for users even as the user base grows. Cloud-based infrastructure will be explored to enhance scalability and performance, accommodating increasing demand.