Diabetes: Transforming Lives Through Technology

India, a country of hopes and dreams. A nation of believers and thinkers. A place of youngsters but still we are fighting with devastating health issues which are growing with extensive growth rates. Some of these diseases are so ruinous that the detriment caused by them is boundless. Indian Prime Minister on 15th August mentioned that still in India, despite availability of health insurances, claims the out of pocket expenses are being done by 66% of the population. The concern of increasing diabetic patients in India is already raising its voice. India representing 49% of the world’s diabetes burden is one of the 6 countries of IDF SEA region. This project has design proposals for one of the biggest epidemics in the healthcare field. The goal of this project is to discover the design opportunities in order to re-imagine the experience of a young type 2 diabetes patients.

In diabetes as a probable solution of this mammoth healthcare issue we a raise our bits on a diabetes monitoring kiosk. It is a blood glucose monitoring kiosk that has to be refilled with packets daily and used consumables have to be disposed of as medical waste.

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Data Accumulation & Analysis - AI

Visualization: use of the design to imagine the experience of a young type 2 diabetes patient.

The Business Model Canvas breaks your business model down into easily-understood segments.

*WHY SHOULD INVESTOR INVEST IN YOUR IDEA?*

The project was about understanding the needs of diabetic patients and finding opportunities for design intervention. Emphasized articulation is on regular monitoring of blood glucose levels as thus this was chosen as the area of intervention. Through our research we found regular monitoring of blood-glucose levels as thus this was chosen as the area of intervention through a blood glucose monitoring kiosk that has to be installed in semi-public spaces. It makes the process of monitoring easy, convenient, safe and economical. Regular monitoring of blood glucose levels is essential for controlling diabetes. India representing 49% of the world’s diabetes burden is one of the 6 countries of IDF SEA region needs a special attention on the prevention of diabetes.

In India with an estimated 72 million cases in 2017, a figure expected to almost double to 134 million by 2025. Through our research we found regular monitoring of blood-glucose levels as thus this was chosen as the area of intervention through a blood glucose monitoring kiosk that has to be installed in semi-public spaces. It makes the process of monitoring easy, convenient, safe and economical. Regular monitoring of blood glucose levels is essential for controlling diabetes. India representing 49% of the world’s diabetes burden is one of the 6 countries of IDF SEA region needs a special attention on the prevention of diabetes.

**STAKEHOLDER**

**IDEATION**

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WHY SHOULD INVESTOR INVEST IN YOUR IDEA?

FEASIBILITY & BENEFITS

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- Total market size - 72 million cases in 2017, almost double to 134 million by 2025
- Painless method
- Affordable diagnosis of more than seven health parameters
- Pay-per-use
- The kiosk has to be refilled with packets daily and used consumables have to be disposed of as medical waste.
- The patients usually don’t have a glucometer as monitoring needs to be bi-weekly, monthly or quarterly depending on the severity and the test strips that come with the glucometer expire before they can be utilized. The inference from the user study was that most such diabetics are very irregular with their monitoring and often forget their scheduled tests.
- Periodic time frame monitoring, to check the progress