Non-Invasive GlucoHemo Meter

PROBLEM

Difficulties faced by Diabetic and Anaemiac patients in monitoring their blood glucose and haemoglobin levels using invasive devices.





SOLUTION

 A portable, easy to use Non-Invasive device which monitors Glucose and hemoglobin levels of a person accurately







PRODUCT

- Our product is a low-cost Non-Invasive Device which monitors the blood glucose and Hemoglobin levels accurately without using a needle or causing a break in the skin
- Along with features of portability, ease of use and durability

TECHNOLOGY STACK

- Arduino IDE
- Android Studio
- Image Processing
- Regression Analysis

MARKET

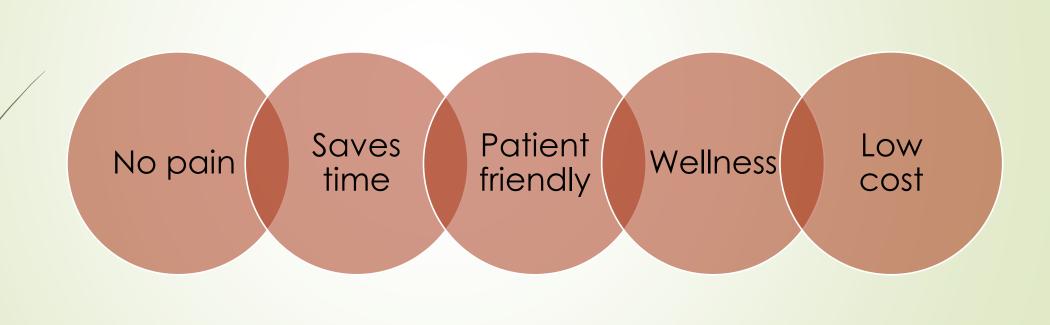
- Our customers are Diabetic &
 Anemic patients ,PHC's, Rural
 Health Care centers
- Prospective Customers are
 Diabetic and Anemic patients
 in urban area for now
- We can address the patients nearby our locality.







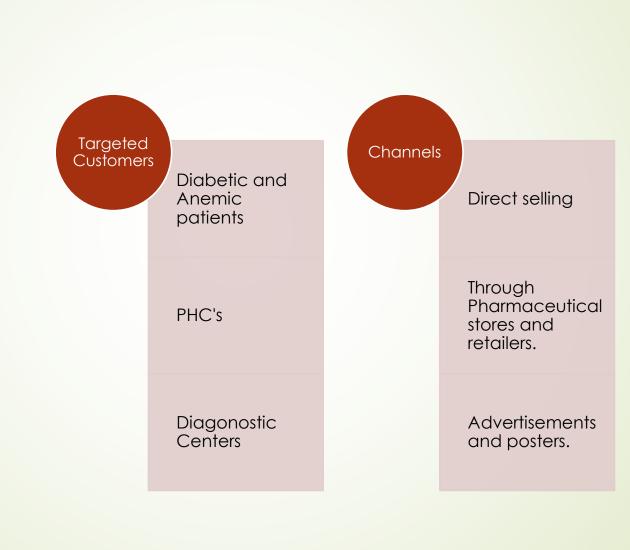
VALUE PROPOSITION



COMPETITORS

- DiaMonTech is a German company which is working on the Non Invasive Glucometer and it has succeed in making a device of a shoe box size and it is yet to be released in the German market but it is of high price.
- Another company Integrity has released its Non Invasive GlucoTrack device in European states but it only measures the glucose levels of type 2 diabetic patients.
- To measure Haemoglobin people and diagnostic centers still use the procedure of taking the blood sample and analyzing it.
- In India the research is still going on the device which measures only the glucose levels but there is no device which can measure both Haemoglobin and Glucose levels.

MARKETING STRATEGY



Status

- We are able to get values of the glucose levels but they are not accurate, we have to fix that issue.
- To measure haemoglobin, we are able to capture the images of the palm and could get the values of total redness through image processing, converting it in to the Hb values is remaining.

Team

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THANK YOU