



Medi Go

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Looking at the global awareness for health and understanding its importance in the times like the pandemic, people have started to look for better, reliable and more efficient means of medication and medical check ups. Also looking at the work style in the modern era, it becomes essential to provide these means in close by and quick.

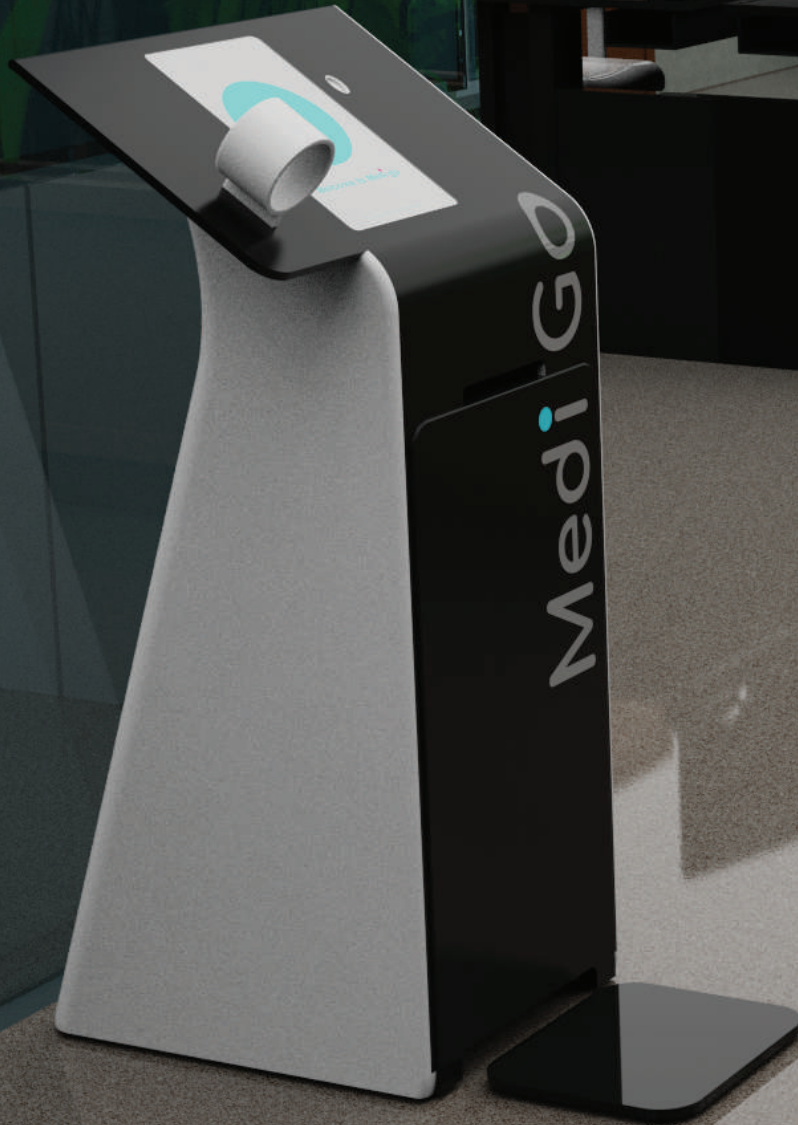
Medi Go

An health kiosk designed for urban space and corporate offices which helps the user to keep in check the basic health parameters such as blood pressure, BMI and blood oxygen.

The key reasons why Medi Go is better than other Health Kiosk is because it is

Better
More
Faster

in terms of working speed, good and on point user interaction, good ergonomics and seamless interface. This increases the efficiency of the machine and thus performs all the tests under 30 seconds without any monitoring or human intervention.



Initiation

Ideation

Concept

Why क्यों

Gaps

- . Not conveying emotion, hope & comfort to patients
- . Data and hardware security
- . Public spaces don't have kiosks
- . Not user friendly
- . Weakening support overtime
- . People getting anxious in public environment
- . Extreme cost
- . Bulky & ugly
- . Human Attention required
- . Tedious process & complex UI

Locations कहाँ



What क्या

Health checkup

- . User record and health analysis
- . Suggestions to patient
- . Vaccinations
- . Mental Health
- . Day to Day checkups
- . Order Medicines
- . Get prescriptions

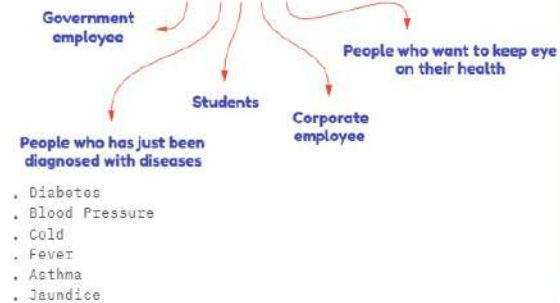
Health kiosk

How कैसे

SMART

- . APP - To get notification for regular health checkup
- . Get online certificates , Prescriptions & medicine suggestions etc.

Users कौन



The process started with asking the basic 5W questions and how? It helped us to gain clarity in terms of what we wanted to do and how we would do it. Deciding the users and the location was very crucial for this project

About **33% urban** and **25% rural** Indians are hypertensive. Of these, **25% rural** and **42% urban** Indians are aware of their hypertensive status. Only 25% rural and 38% of urban Indians are being treated for hypertension. One-tenth of rural and one-fifth of urban Indian hypertensive population have their BP under control.

Why place it in corporate offices?

The biggest reason for heart related problems is high blood pressure and high blood pressure is caused due to high stress level in day to day life in offices and unhealthy eating habits.

And high/low blood pressure if neglected can convert in to other deadly health problems and but if kept in check and proper preventive steps are taken it can very well be avoided. All, one has to do is keep regular check on their basic health parameters.

In today's busy life filled with deadlines no one really gets time to go to a doctor for regular test and also do not want to pay for the fees.

Hence, if the process of checking basic health vitals easier and much more approachable it will help promote a healthy lifestyle among the employees

Initiation

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Potential User

- . Employees of any institution
- . Students on campus

Efficiency

- . Enhanced experience
- . Quick & Crisp Process
- . Smart connectivity
- . Accuracy of info

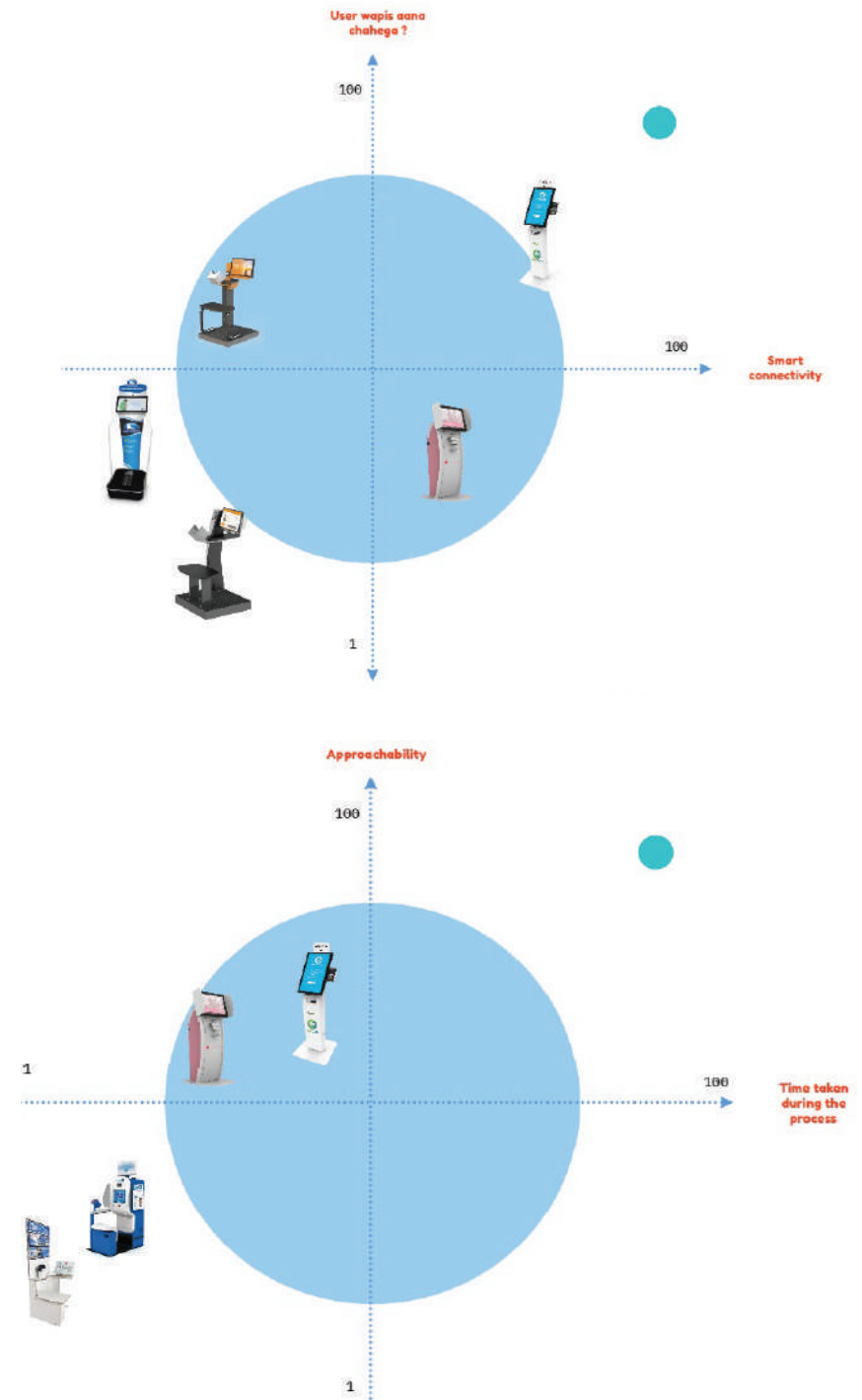
IMPACT

Stress involved

- . Nervousness
- . Fear of Awareness in process
- . Remembering Security keys
- . Remembering Data Shared

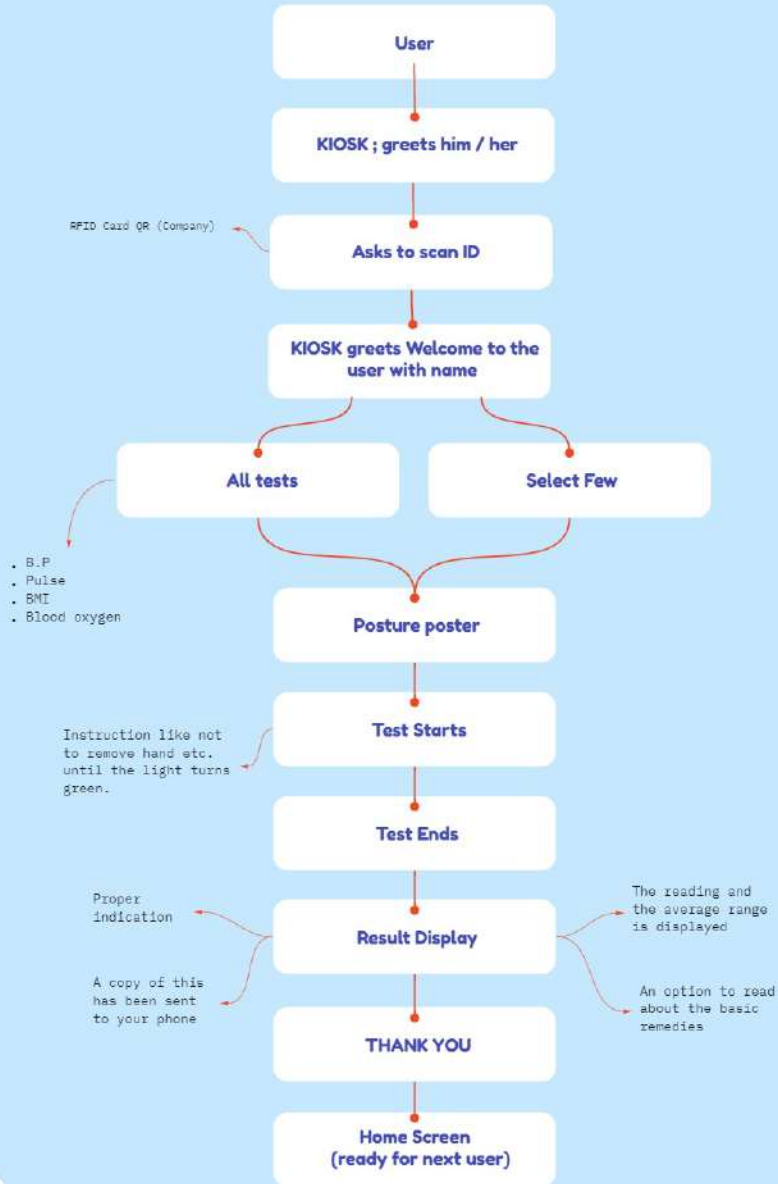
Experience

- . Hassle Free
- . Involves Hope & Emotion
- . Easy to navigate



Analyzing all the impact aspects a health kiosk should have and doing market research for the existing products and understanding their design and functions.

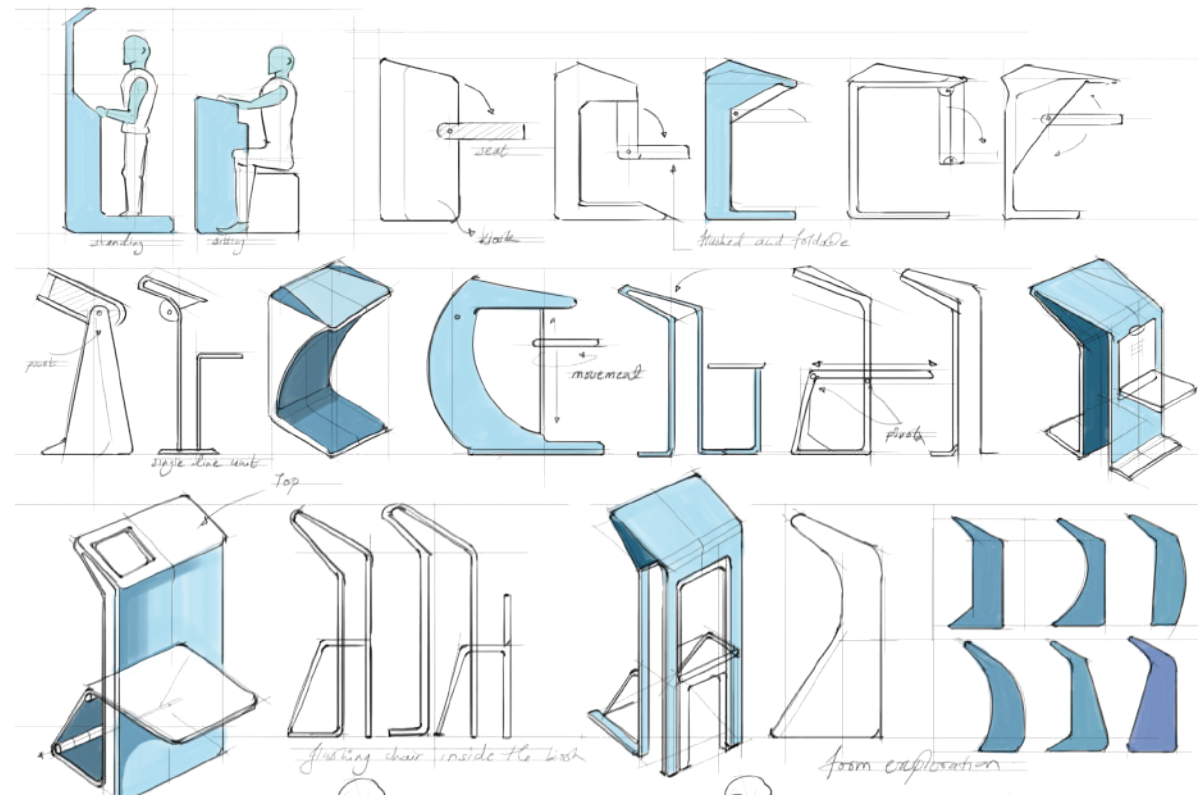
PROCESS



In the beginning of the ideation process, we visualized what all and how many steps does the user have to perform in order to interact with the machines and get results properly.

We derived a detailed process in which we decided how the user will interact with the machine from start to the end.

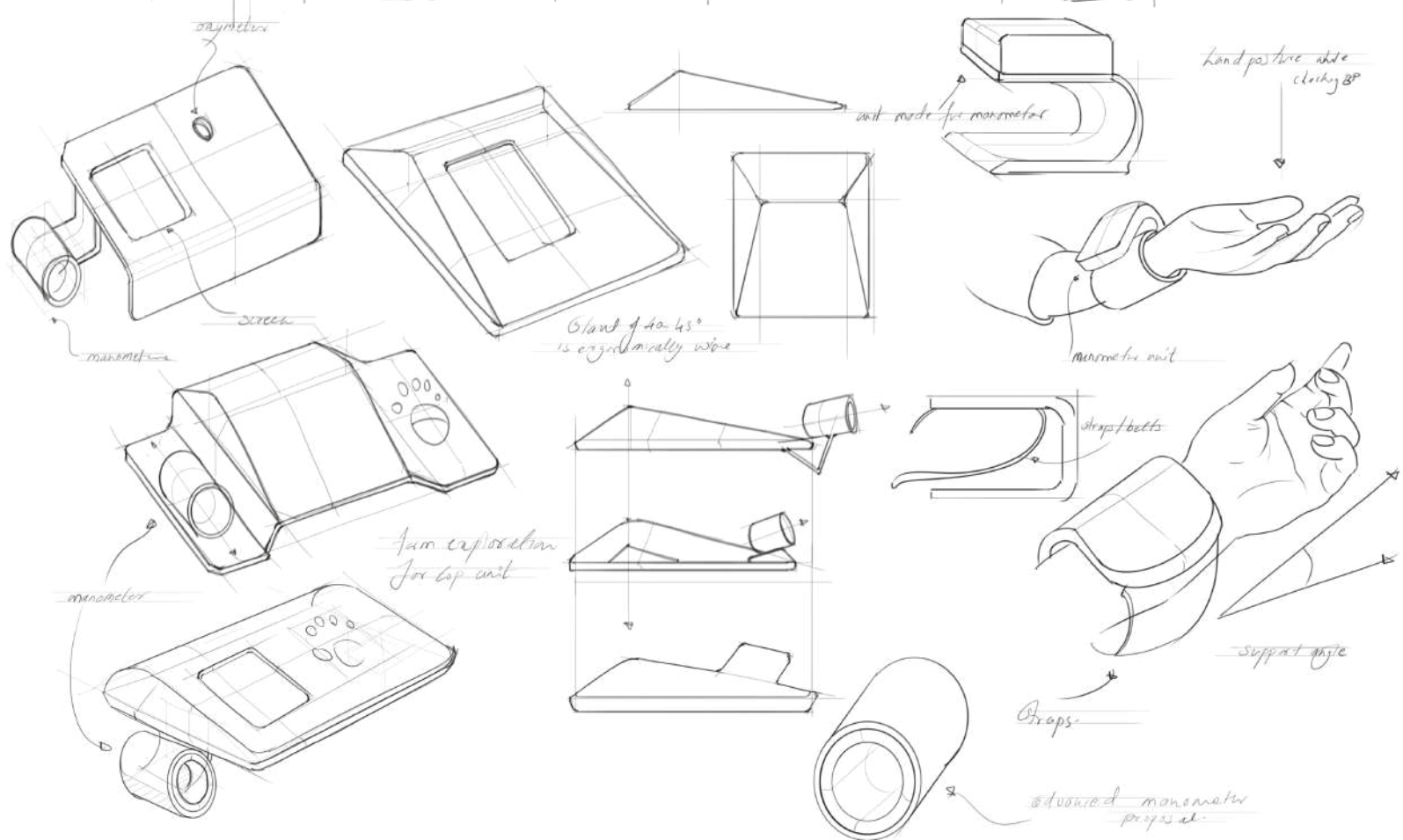
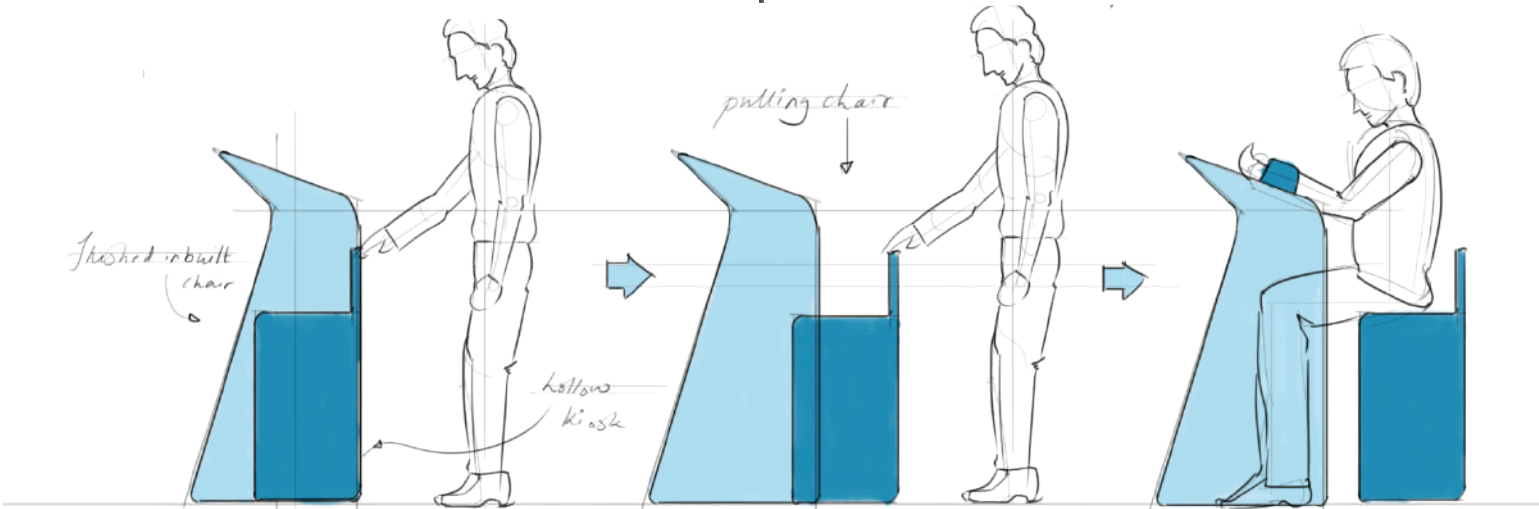
In the second stage we started the form and the structure ideations for the health kiosk and how the operational arrangement of the product would be.



Initiation

Ideation

Concept



Very simple but effective technique of seating arrangement is to provide with a seat without any mechanisms that somehow merge with the health kiosk so that it becomes one entity.

Also we ideated how the BP unit would be made and where the SPO2 sensor would be placed. The BMI would be calculated by the weighing machine and ultrasonic sensor for height on the ceiling

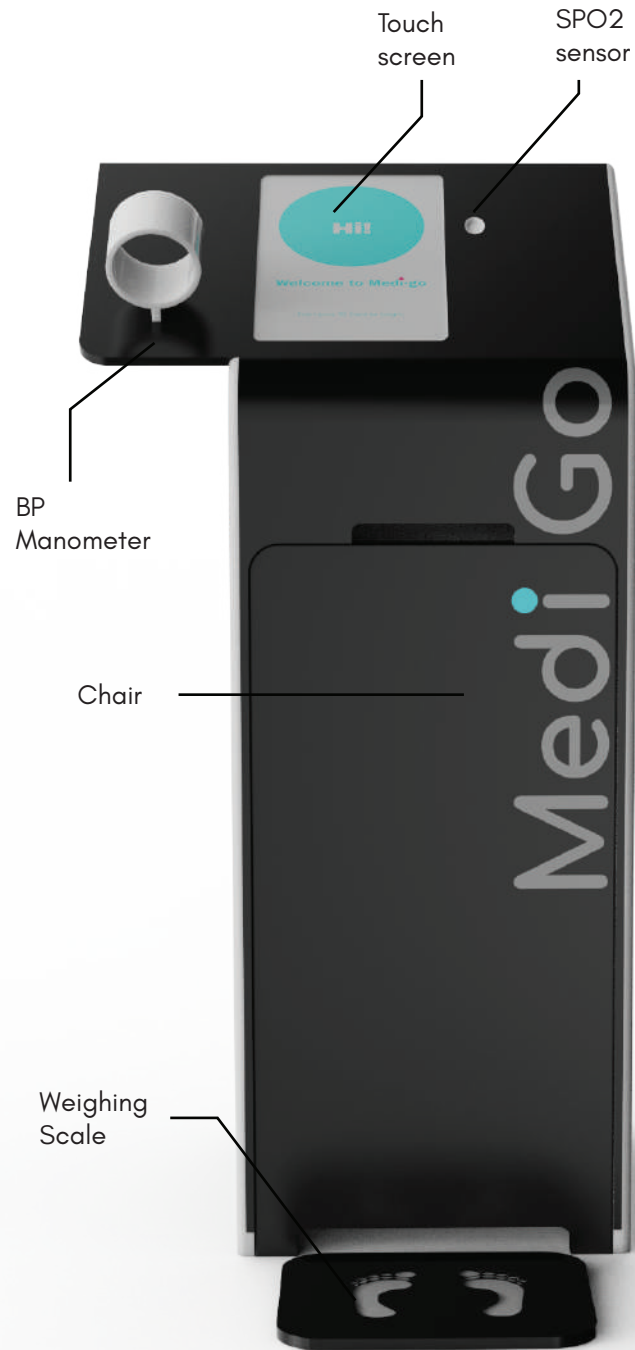


The ideation process also included role playing, taking videos and, bulding rough models using cardboard and PVC to understand better ergonomics, semiotics and propotion of the product compared to other things in the surrounding.

We made cardboard and PVC models and then tried to visualize where to put elements like the manometer, the SPO2 sensor, the screen, handle and so on.

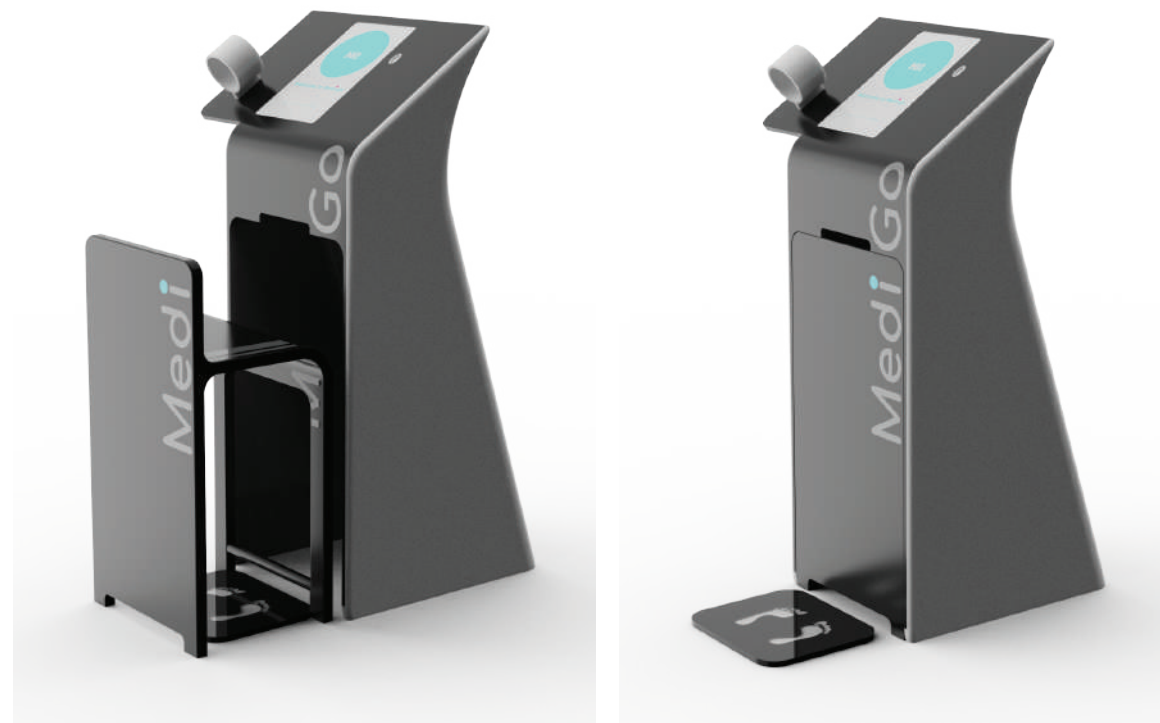
The final Model (low fidelity model) is made using wood, MDF, acrylic sheet and basic electronic components.

Initiation Ideation Concept



This is the proposal model. It is made out of moulded ABS plastic with textured finish on the side surfaces and the top is made by shiny black acrylic sheet and is detachable. The BP Manometer is made using plastic moulding. The chair is made by hard wood and is covered by black vinyl sheet so that it matches with the top and gives a seamless look.

A vertical sticker is applied on the front right of the Logo. There are the BP, Pulse sensor, SPO2 sensor, and BMI sensor. We also propose a blood sugar function in the future iterations.

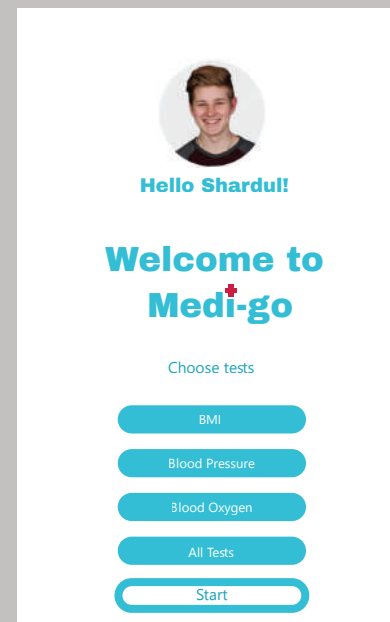
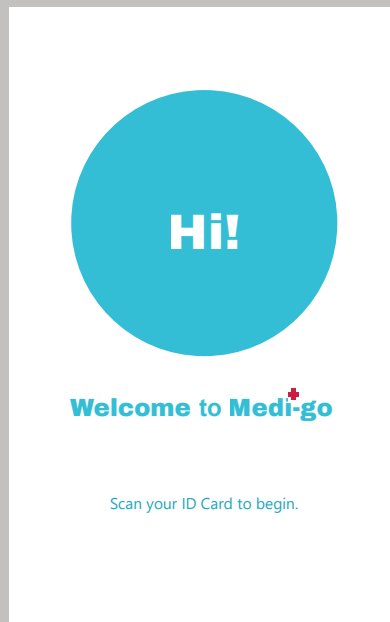
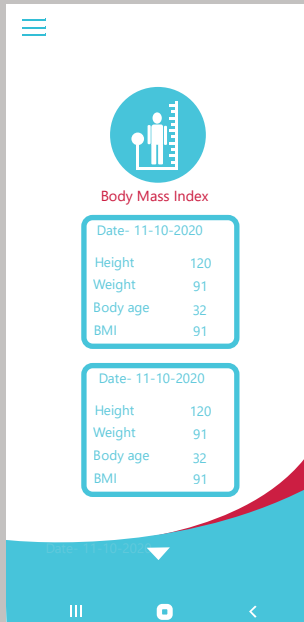
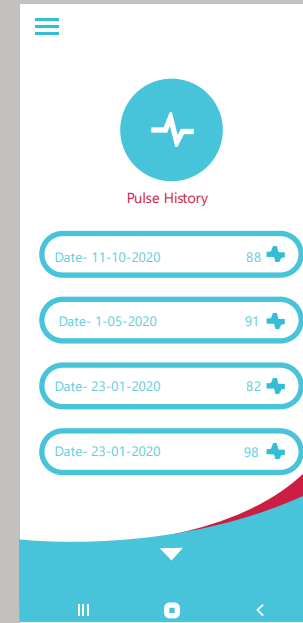
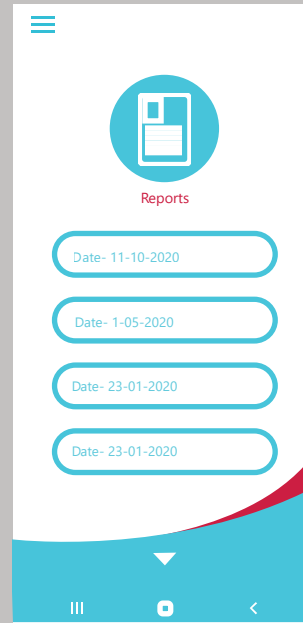
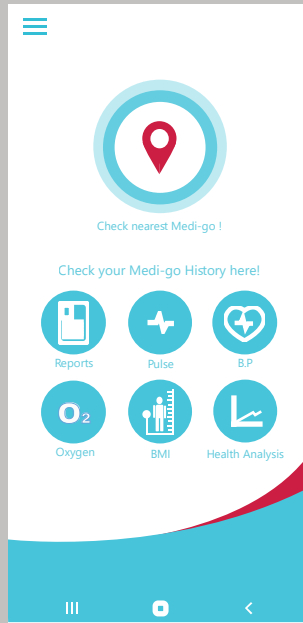
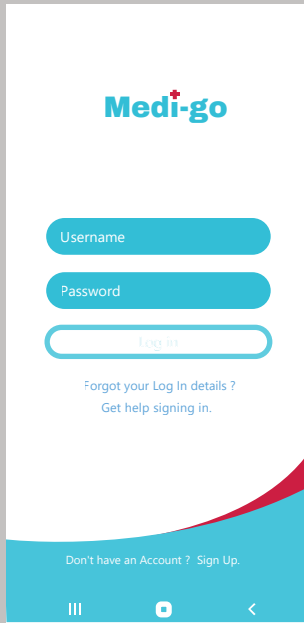


This is a pictorial representation of how the user will interact with the kiosk from start to end. It majorly implies how the user will sit, place his hand and rest.



This is a fully functional and full scale low fidelity model of the Medigo Kiosk. The outer body is made of MDF, wood, Acrylic sheet and plastic. The electronic components used in this are manometer, Arduino, bluetooth and SPO2 sensor, Adapter for external power supply and a Samsung tablet for the touch screen display.





We design an interface for the main screen which will be installed on the Kiosk. The interface is minimal, on the point and also includes lots of visual elements and pictograms that helps the user perform the process faster.

We have also designed a mobile application that helps users connect with the nearby kiosks and helps them store their test results and data



In today's scenario where health is given a lot of importance, it is essential to take medical facilities closer to the people and increase their efficiency and accuracy for better results and correct implementation of policies by the governing bodies. MediGo will play a significant role by becoming the first health ATM and through good design may help people in time of need and also serve the ambition of UN's SDGs.