IMAGINE IOT
PROTOTYPE CHALLENGE
HEALTHY LIFE!

AN APP TO HELP YOU MANAGE HEALTH 😊

This is the abstract for Prototype Challenge included as part of the open SAP course “Imagine IoT.” Focus of this app is to manage an individual’s health using internet of things on your fingertips.
Inspiration for the App
Healthy Life Application – Managing Health on fingertips.

In today’s busy world, people often tend to ignore their health. Reason can be different based on the individual’s lifestyle, social and economic status or many a times mere negligence. This negligence can cause big impact to health, financial status and family life in long term.

Due to modern lifestyle, we can see Health issues start arising these days. Reasons includes eating food in different places and at wrong time, late night work, raising age, hereditary conditions and many others which often props up late post the damage done to an individual’s health.

As they say prevention is better than cure, in case of health we should focus more on preventing issues happening as far as possible. Though people are worried about their health, since they will be working whole week with minimum time left for family and individual time during weekends, they often feel it is difficult to get health checkups done in queue, in case of abnormalities, finding and scheduling an appointment with the right doctor, finishing up hospital formalities and finally looking for the medicines prescribed by doctor.

They will require help in keeping a check on their health as much as possible in real time using internet and minimizing time spent on above said processes.

A number of options can be offered to them starting from viewing their reports, in case of abnormalities, fixing an appointment with doctor and finally order medicines as well after doctor consultation. After all the medical checkups done, they can get back to their work or spend time with family. Once report is ready, same is uploaded in hospital records, sensors can sense based on the thresholds set for every checkup done if there are any tests which has exceeded threshold. Color coding can be like - green being normal, orange being warning and red being abnormal. After sensing and color coding, data will be sent to user account for easy understanding.

Report images can also be sensed which can be easily viewed for both doctor and users at any point of time.
Persona

SAMUEL

Sales Manager

“I would like to monitor my health status as and when I need because I am on the move all the time, dealing with million things.”

About

- 50, married, 20 years of sales and marketing experience.
- Being the person who makes the sales and marketing strategy decisions, I have to keep the balance between improving the sales and our profit growth.
- Very mobile, moving from country to country during the day. Also, work with clients during night due to time zone difference
- I work with the Sales associates, Market prediction analysts, and IT Admins.

Responsibilities

- I am responsible for sales growth and also analysis of market trends with my team
- I am responsible for multiple projects and each project is tied to a different market.
- I spend more than half of my time in the office, but I also do work in my home, on the computer.
- I enter time once a week on a project by project basis.

Needs

- I always need some minimum Basic health checkups done at regular interval of time.
- I need to reduce the amount of time spent on checkups, doctor appointments and buying medicines
- I need the ability to check my latest health status instantly at any point of time

Main Goals

- Being the person who makes the sales and marketing strategy decisions, I have to keep the balance between improving the sales and our profit growth
- Better management of my health as there will be changes in my lifestyle very frequently based on the country I am staying in and project I am working on.

Pain Points

- Cannot check my latest health status when required
- The tests to be done are very time consuming, finding and scheduling an appointment with right doctor needs to be done for which there is necessity to check with different hospitals for availability of doctor.
- After a doctor appointment, reaching out to medical shops and buying them is time consuming
Point of View (PoV)
User need, insights and why application needs to be used

• POV- Anytime access to health status
• POV - Time savings in visiting medical shop
• POV - Followups with hospital staff is time consuming
• POV - Able to check reports and also visit a doctor anytime
• POV - Access to reports anytime

Check health status in real time
Ability to Order Medicines post doctor consultation and check status of same.
Ability to Schedule Appointment with doctor and check status of same.
# User Experience Journey

<table>
<thead>
<tr>
<th>ACTIONS</th>
<th>MINDSET</th>
<th>FEELING</th>
<th>TOUCH/PAIN POINTS</th>
</tr>
</thead>
</table>
| The Sales Manager, Samuel wants to get the regular health checkup done and arrives at hospital. | Oh, this is going to take a lot of time and also will need to look for right doctor if any issues. Wait for reports. | 😊      | Token machine
Wait queue to collect reports                                               |
| Samuel sends a request to schedule an appointment with doctor after checking his reports. | Hopefully, I do not have to waste time visiting hospital and take appointment when doctor is unavailable. | 😞      | Request to Hospital sent for review                                                |
| Samuel checks when he has next review with doctor                      | Ok great! next week                                                      | 😞      | Call hospital on phone                                                            |
| Samuel checks if medicines can be ordered online                        | No worries to confirm with hospital                                      | 😊      | One click!                                                                        |
| Status of medicines ordered                                            | Hopefully medicines are available.                                       | 😊      | Visit medical shop                                                                |
|                                                                         | Oh seems one of them is not completely available                         | 😋      | Take doctor prescription                                                         |
|                                                                         | Oh they are available here!                                              | 😋      | Doctor prescription sent to Pharmacy with order                                   |
|                                                                         | No need to visit hospital to collect them                                 | 😋      | Paper reports getting damaged                                                     |
|                                                                         |                                                                         | 😋      | Report Images sent to app                                                         |
|                                                                         |                                                                         | 😋      |                                                                                   |