BASIC DETAILS

DU</>HACKS

HACKATHON

July 2022

THEME :

HEALTH CARE

TEAM NAME :

TECH_GREENIES

TEAM MEMBERS :

- DHASAGREEVAN
- VIDHULAASRI

POINTS OF DISCUSSION

- Project Title and Description
- Problems it solves
- Inspiration behind
- Technology Stacks
- Problems while Implementation
- GitHub
- Demonstration of the Idea
- Screenshot of the Project

PROJECT

PROJECT TITLE :

Health Record

DESCRIPTION :

Health Record is our project which aims to innovate and improve the healthcare department by helping both people and Hospital management using AI/ML.

Problems our Project Solves :

- Trials and Errors in prescribing medicines by Doctors.
- Disease Prediction becomes difficult without lab reports.
- Need for the carrying of medical records .
- Doctor can't understand patient's medical condition when he is a new patient.
- Reports from one Hospital cannot be referred to another easily, so there comes need for retesting.
- At emergency situations it becomes hard finding blood and organs thereby death occurs.
- Most people aren't concerned about their daily activities which becomes problemetic in future.

Inspiration Behind :

HOW IT ALL STARTED ?

The current world is an emerging digital era. Everything from EB bills to food orders has made its way online. The world is filled with people who have accommodated themselves for this era. But **what about digitalization in medical fields?** People still suffer, carrying their reports and scanned copies. Diseases are found only when reports are lab-tested. People have to get doctor appointments, even for mild health checks up. They wait hours for blood when a person is in critical condition. Also they wait for months when there is a need for an organ transplant.Ultimately persons die though we have supporting technology to solve all this...This made us to find solutions for some problems with the help of current technologies..

TECHNOLOGY STACKS

- Data Analysis : AI/ML algorithms
- Data Storage : Web servers
- API : Google maps API

- Website Development :
  - L = Linux
  - A = Apache
  - M = MySQL
  - P = PHP

} ---> Stack

Problems while Implementing the Project :

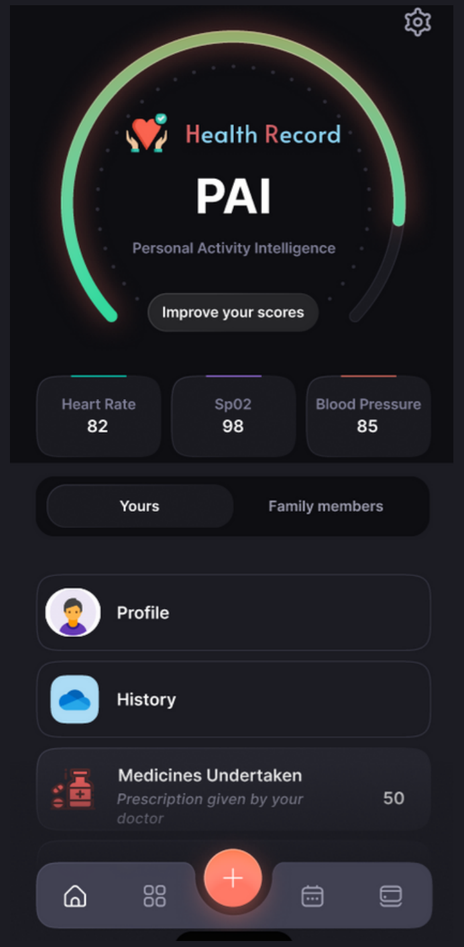
- It was hard to build the initial design as it was confusing deciding the order of preference of features given to the problem.
- As we were beginners it took us much time to complete the prototype and design. We were able to provide the frontend structure very distinctly but can't able to complete the backend side.
- We are developing ourselves with the backend side of web development only now, so it overall became a very difficult job for us to give us our idea.
- However with the knowledge we owe in past we tried to manage the project and successfully completed it.

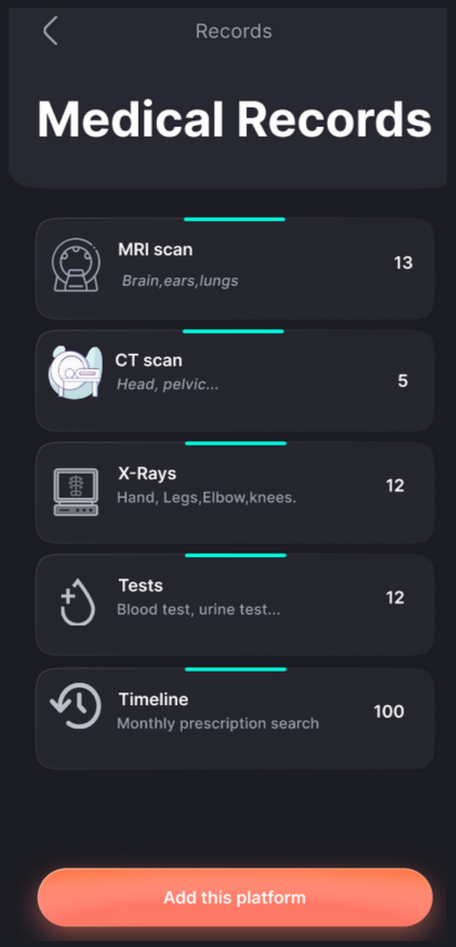
GITHUB

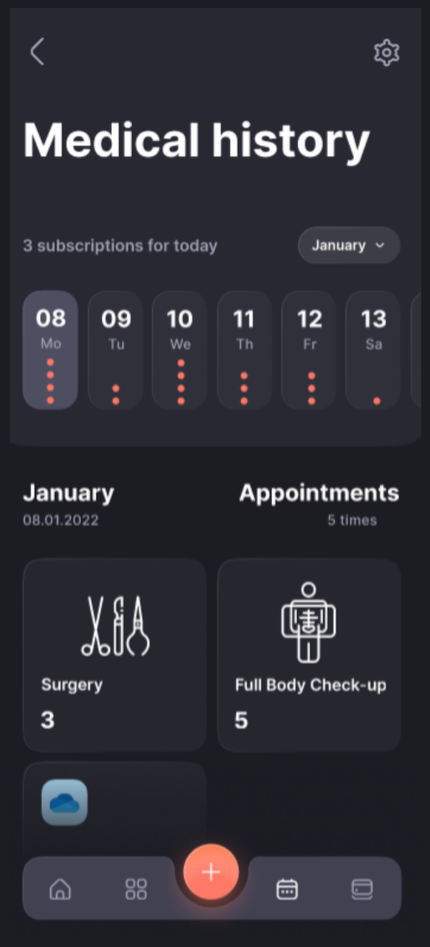
Check the Prototype design in the following git URL

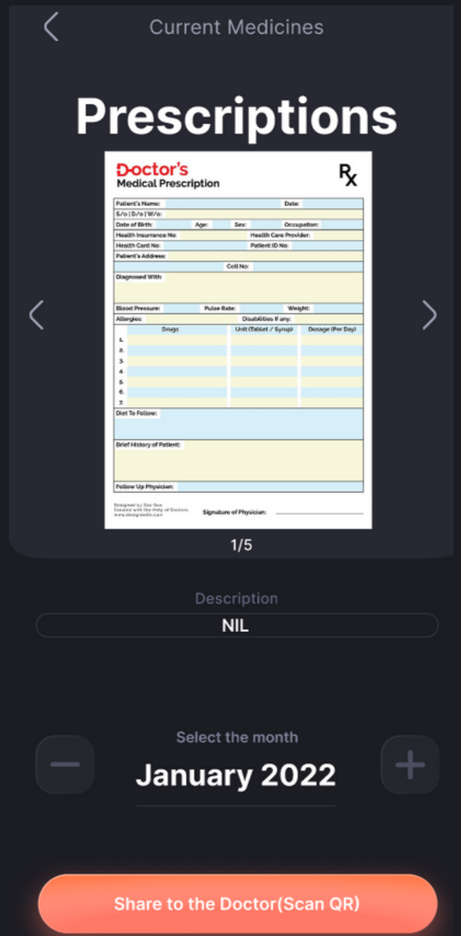
URL : https://github.com/Greevan/DU-Hacks

Health Record









Keep a Healthy Life-Style

THANK YOU

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For giving us opputunities and broadening our minds
through the events kept inbetween.

~by the team,
TECH_GREENIES