

# BASIC DETAILS

DU</>HACKS



# HACKATHON

July 2022



THEME :

HEALTH CARE



TEAM NAME :

TECH\_GREENIES

TEAM MEMBERS :

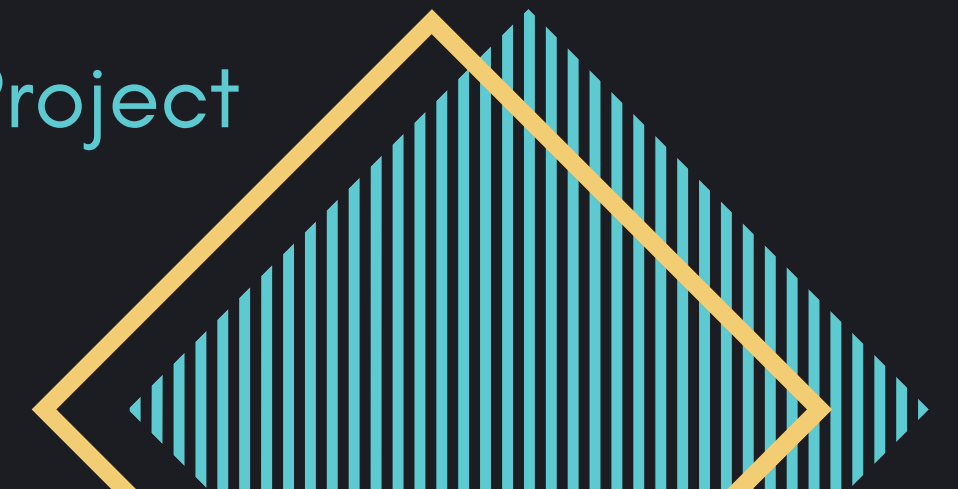
- DHASAGREEVAN
- VIDHULAASRI





## 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 problematic 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 :

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- 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.



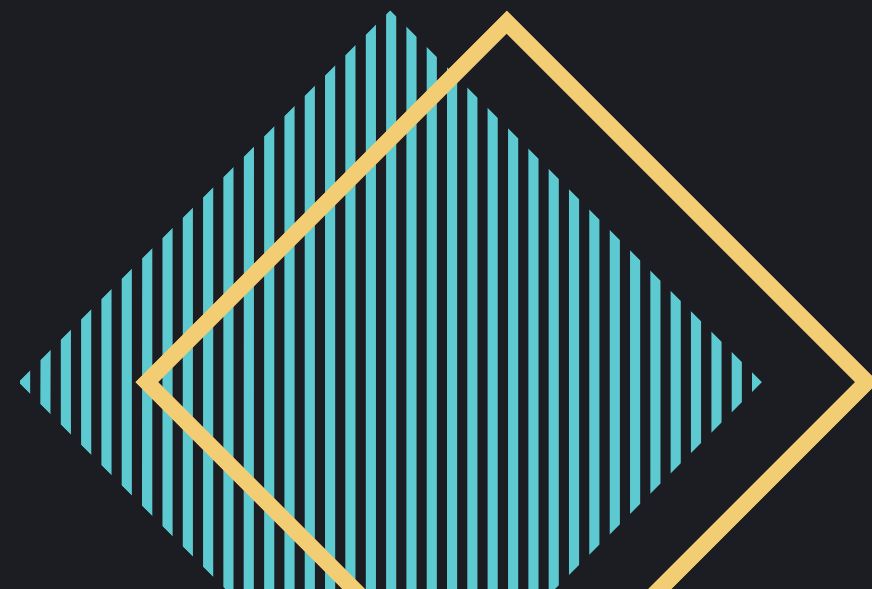
# GITHUB



Check the Prototype design in the following git URL



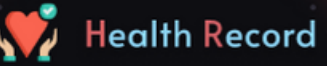
URL : <https://github.com/Greevan/DU-Hacks>







# Health Record



## Health Record

### PAI

Personal Activity Intelligence

Improve your scores

Heart Rate  
82

SpO2  
98

Blood Pressure  
85

Yours

Family members

Profile

History

Medicines Undertaken  
Prescription given by your doctor 50

Home

Grid


+


Calendar


Documents


Records


## Medical Records

MRI scan  
Brain, ears, lungs 13

CT scan  
Head, pelvic... 5

X-Rays  
Hand, Legs, Elbow, knees. 12

Tests  
Blood test, urine test... 12

Timeline  
Monthly prescription search 100

Add this platform

Medical history

3 subscriptions for today January

08  
Mo

09  
Tu

10  
We


11  
Th


12  
Fr

13  
Sa

January  
08.01.2022

Appointments  
5 times

Surgery  
3

Full Body Check-up  
5

Home

Grid

+

Calendar

Documents

Current Medicines

## Prescriptions

Doctor's Medical Prescription Rx

Patient's Name:		Date:
Sex: (Mr/Ms)		
Date of Birth:	Age:	Sex:
Health Insurance No:	Health Care Provider:	Occupation:
Health Card No:	Patient ID No:	
Patient's Address:	Cell No:	
Diagnosed With:		
Blood Pressure:	Pulse Rate:	Weight:
Allergies:	Disabilities If any:	
Drugs:	Unit (Tablet / Syrup)	Dosage (Per Day)
Diet To Follow:		
Brief History of Patient:		
Follow Up Physician:		
Signature of Physician:		


1/5

Description  
NIL

Select the month  
January 2022

Share to the Doctor(Scan QR)

Found AB+ blood in these Hospitals



RATHINAPURI

Dr. Alagappa Road

8th street

ABAD

Eye Trust

Sheela Clinic

City Hospital

Cross Cu

Phone

Messages

Location

More

## Keep a Healthy Life-Style

# THANK YOU

DU</>HACKS



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

~by the team,

TECH\_GREENIES