

# BASIC DETAILS

DU</>HACKS



# HACKATHON

July 2022



THEME :

HEALTH CARE



TEAM NAME :

TECH\_GREENIES

TEAM MEMBERS :

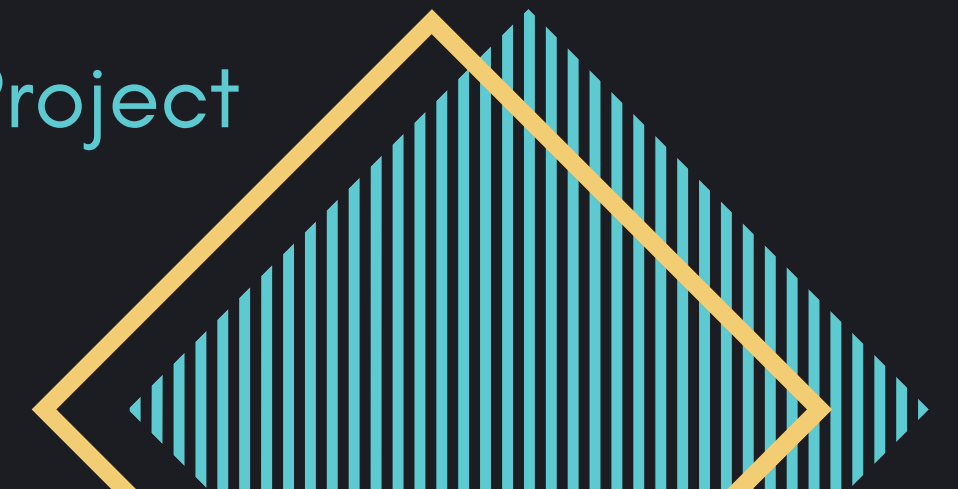
- DHASAGREEVAN
- VIDHULAASRI





## 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 civilians and Hospital management using AI/ML.

# Problems our Project Solves :

- Avoiding **Trials and Errors** in prescribing medicines by Doctors.
- **Prediction of Disease** by analysing the metabolism of the persons body.
- Carrying **hard copies** of the reports is nullified.
- New doctor understand **patient's medical condition** easily.
- **Report from one Hospital** can be referred to another through our application.
- **Emergency finding** of blood and organs by the Hospitals through our AI powered web app.
- Health notifications are given based on modern PAI (**Personal Activity Intelligence**) **algorithm** method.





# 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

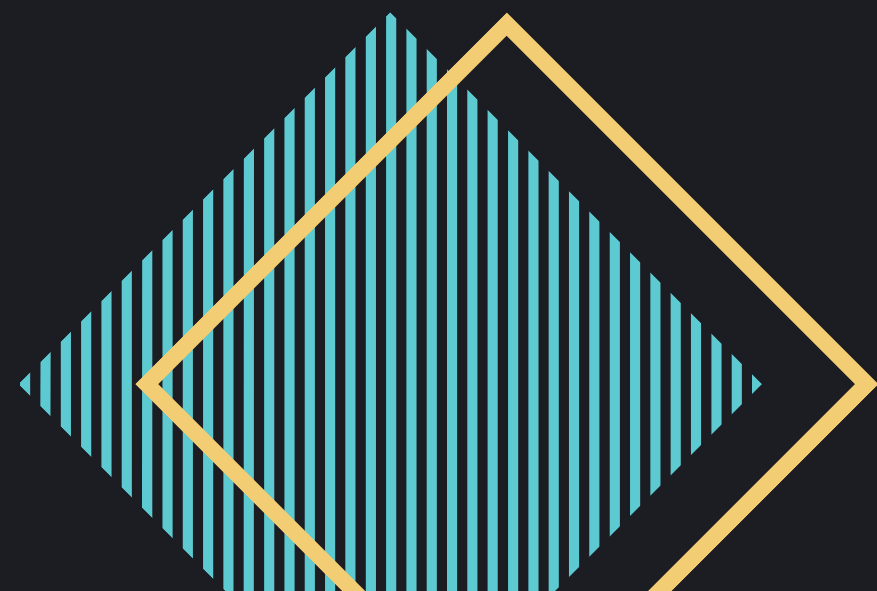
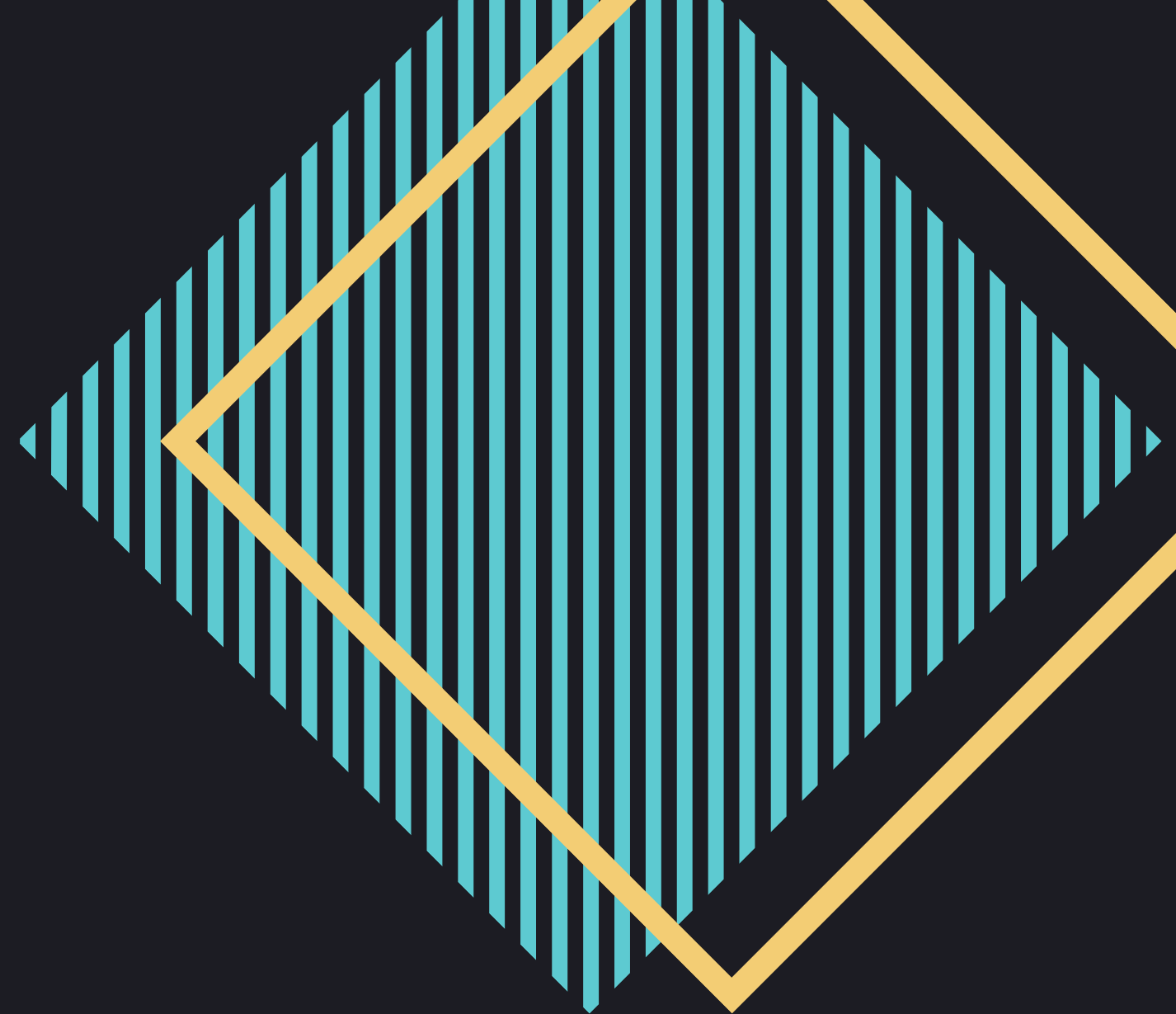
# Problems while Implementing the Project :

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- It was very hard to build the initial build and design as it was very confused deciding the order of preference given to the problem
- Designing took much time as we are begginers in the Hackathons.
- We were able to provide the frontend structure very distinctly but can't able to complete the backend side.



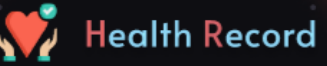
# GITHUB







# 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


Document


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

Document

Current Medicines

## Prescriptions

Doctor's Medical Prescription Rx

Patient's Name:		Date:
Date of Birth:		Age:
Sex:		Occupation:
Health Insurance No:		Health Care Provider:
Patient's Card No:		Patient ID No:
Patient's Address:		Cell No:
Diagnosed With:		
Blood Pressure:	Pulse Rate:	Weight:
Allergies:		
Drugs	Unit (Tablet / Syrup)	Dosage (Per Day)
1.		
2.		
3.		
4.		
5.		
6.		
7.		
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

Eye Trust

City Hospital

Sheela Clinic

Cross Cu

Phone

Message

Location

More

## 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