



SWASTHYA

Elder Health Care

WE TAKE CARE OF YOUR HEALTH

Team G 94:

GOLI MEGHANA

RUTTALA NIHAL

MARYADA VINEESH REDDY

PRAGNYA JOSHI

KONDAPALLY LASYA

NAKKALA SANJANA



Problem Statement

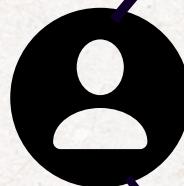
Saanjh is the home for the elderly. The home needs help in tracking health records of the elderly and predicting any risk for diseases. Create an application that helps the Home to perform a clinical decision support system and disease risk prediction using an existing LLM model. This application should help doctor to give proper treatment.



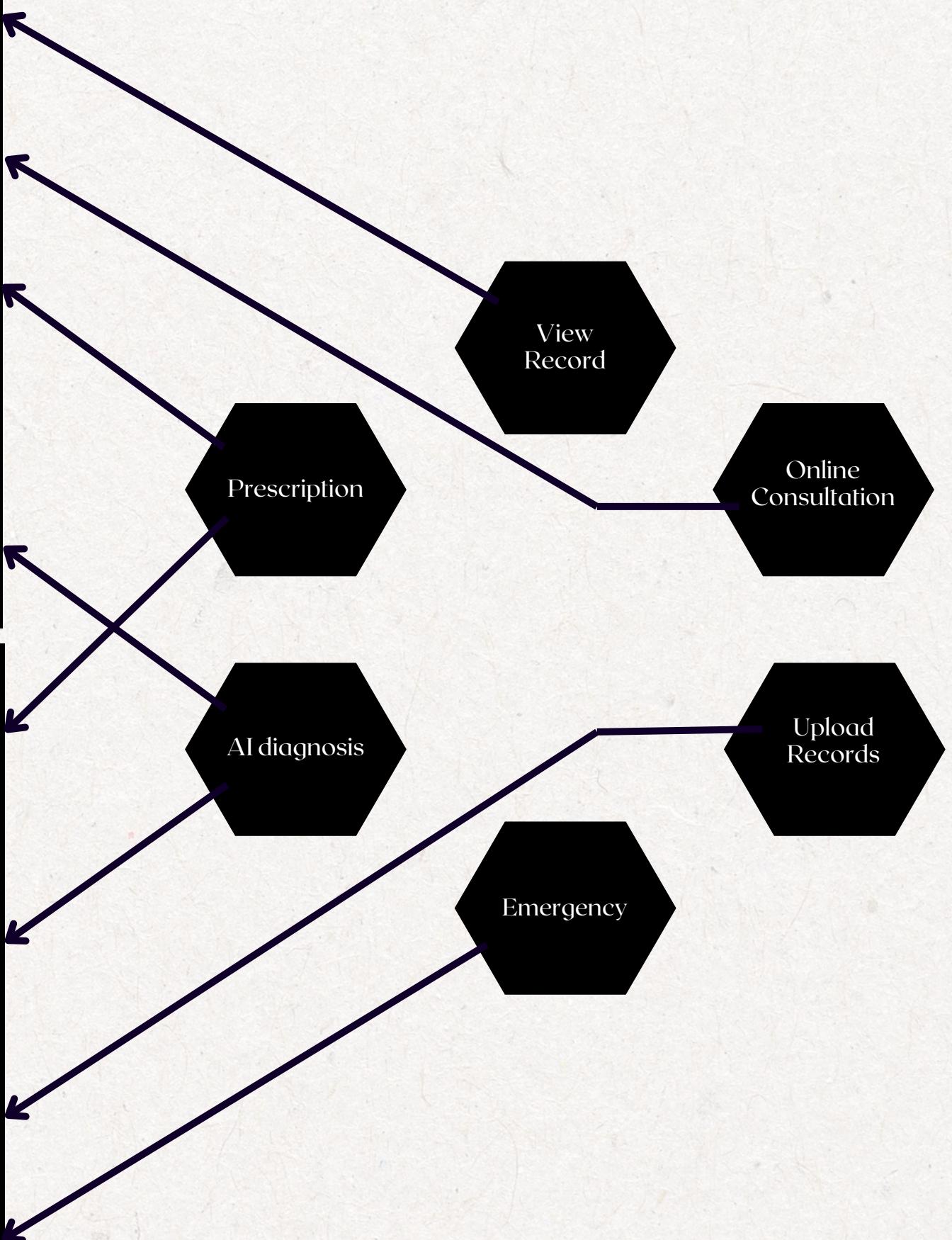
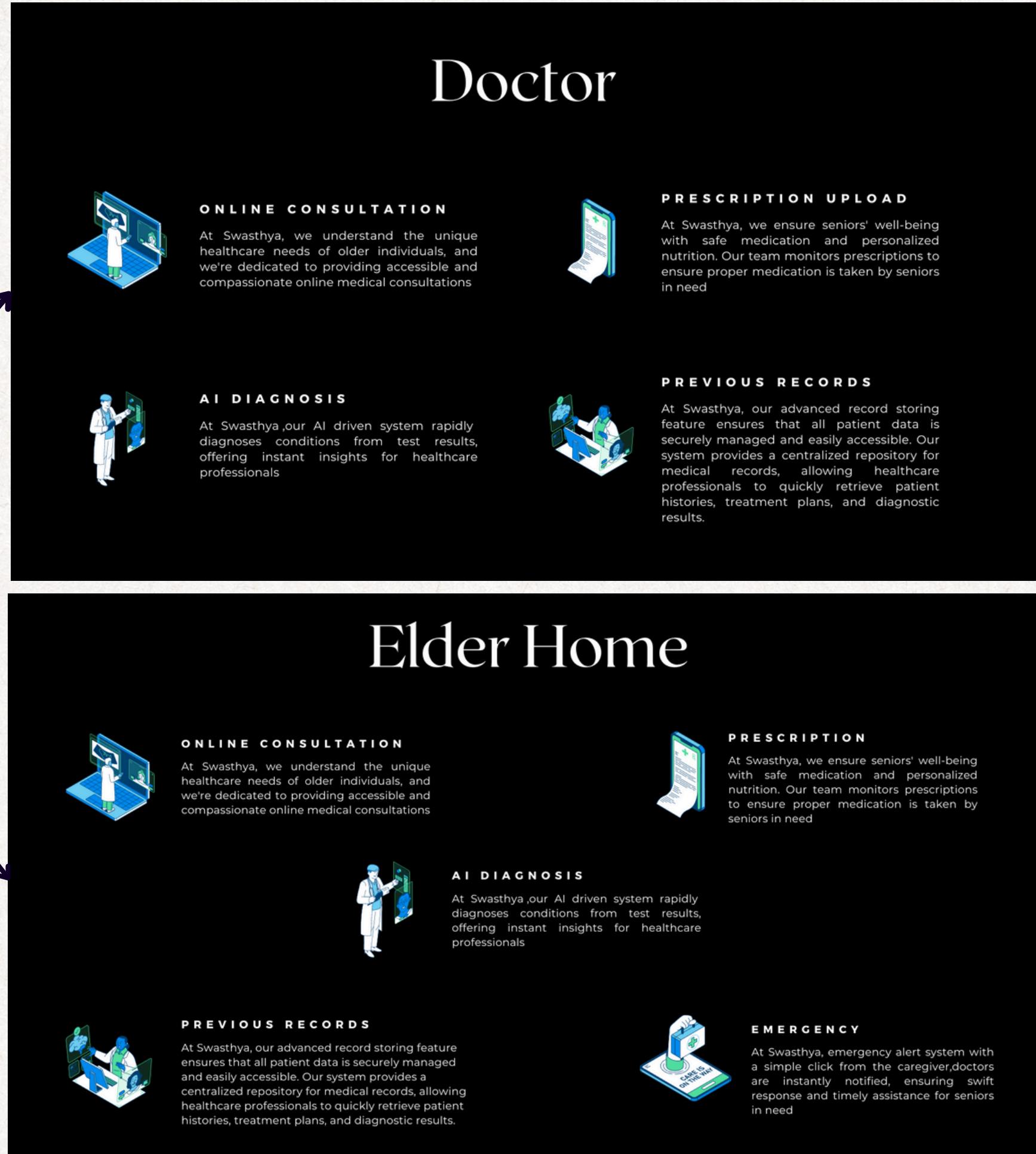
Our Services



Doctor



Elder Home



At Swasthya, we understand the unique healthcare needs of older individuals. Our platform enables seniors to connect with experienced healthcare professionals from the comfort of their homes, eliminating the need for travel and reducing the risk of exposure to illnesses.

This feature ensures that high-quality medical care is always within reach, fostering better health outcomes and enhancing the overall well-being of our senior community.

Online Consultation

Ensuring that seniors adhere to their prescribed medication regimens is crucial for their health and safety. Swasthya's prescription monitoring service is dedicated to this purpose. Our care takers meticulously tracks and reviews seniors prescriptions to ensure they are taking the correct medications at the right times.

This comprehensive approach helps prevent medication errors, reduces the risk of adverse drug interactions, and promotes optimal health outcomes for seniors.

Prescription Monitoring

Our AI-driven system analyzes test results with remarkable speed and accuracy, providing healthcare professionals with instant insights.

This technology not only accelerates the diagnosis of various conditions but also enhances the precision of medical assessments. By integrating AI into our diagnostic procedures, we aim to improve patient outcomes and streamline the healthcare experience for seniors.

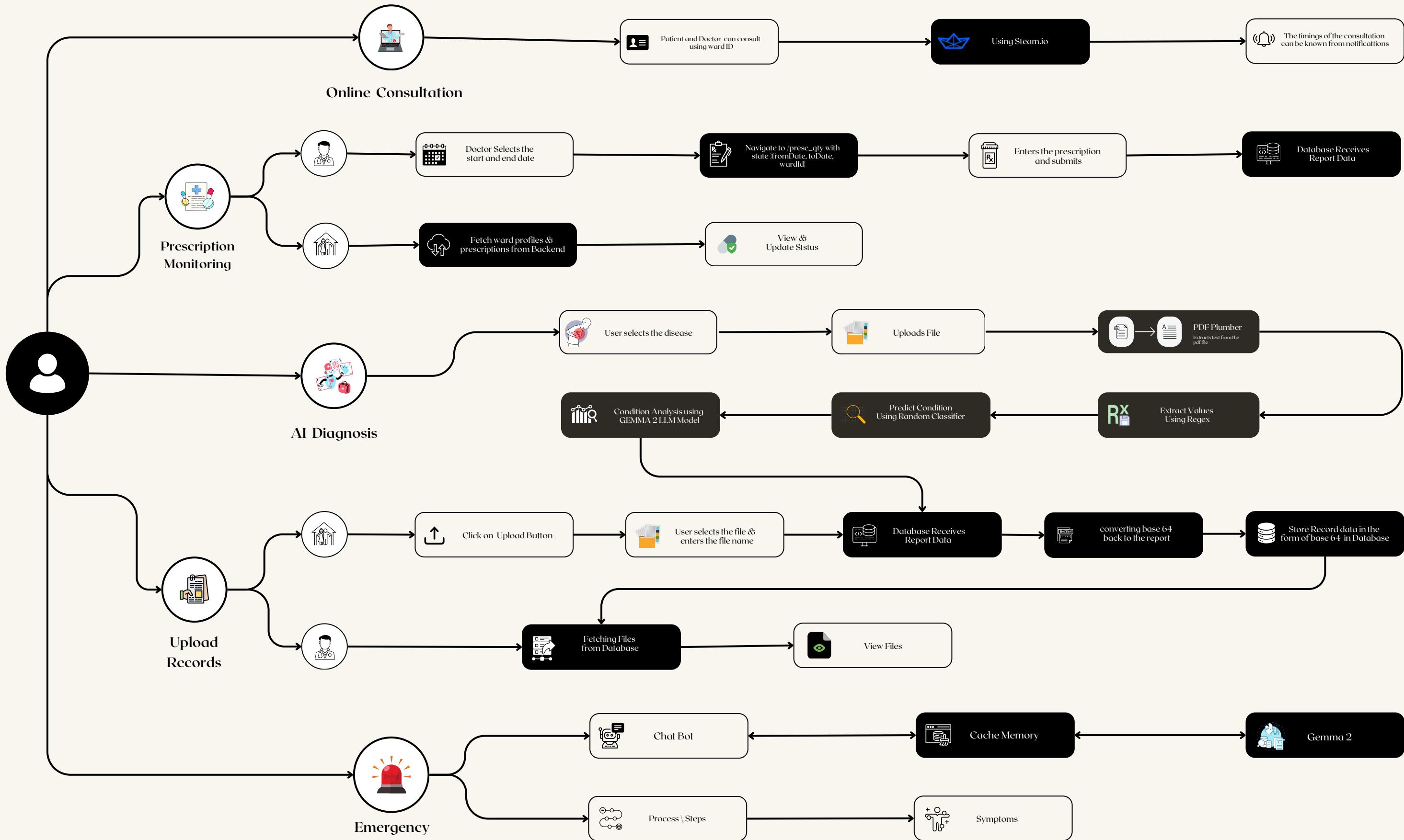
AI Diagnosis

In emergencies, every second counts. Swasthya's emergency alert system is designed to provide immediate assistance to seniors in critical situations. With just a simple click from a caregiver or the senior themselves, our system sends instant notifications to doctors and emergency responders. This rapid alert mechanism ensures that medical help is dispatched swiftly, minimizing response times and potentially saving lives. The system is user-friendly and highly reliable, providing peace of mind to seniors and their families by ensuring that help is always just a click away.

Emergency Alerts

ARCHITECTURE DIAGRAM





○ Frontend

● Backend & Model

OUTPUT SCREENS



AI Diagnosis



AI DIAGNOSIS

"Empower your residents' golden years. Join Swasthya for personalized support, enriching their lives with ease and care."



 DIAGNOSIS FOR DIABETES REPORT

GET DIAGNOSIS

 DIAGNOSIS FOR THYROID REPORT

GET DIAGNOSIS

 DIAGNOSIS FOR BLOOD TEST REPORT

GET DIAGNOSIS

 DIAGNOSIS FOR ANEMIA REPORT

GET DIAGNOSIS

 DIAGNOSIS FOR URINE TEST REPORT

GET DIAGNOSIS

Upload Medical Report

← BACK

THYROID



Choose or Drop File Here

UPLOAD

Diagnosis

<- BACK

THYROID

T3: 8.7 | T4: 10.7 | TSH: 1.0

DIET REQUIREMENTS

To prevent and manage anemia, consider the following tips,

- Iron-Rich Diet: Include iron-rich foods such as leafy greens, red meat, poultry, seafood, beans, and fortified cereals in your diet.
- Vitamin C: Consume foods high in vitamin C to enhance iron absorption, such as citrus fruits, strawberries, and bell peppers.

Avoidance: Limit intake of tea or coffee with meals as they can inhibit iron absorption.

HYPOTHYROIDISM

Anemia occurs when your body lacks enough healthy red blood cells to carry adequate oxygen to your body's tissues. This can lead to symptoms such as fatigue, weakness, pale skin, irregular heartbeat, and shortness of breath.

NOTE: PLEASE DO MONITOR PATIENT'S IRON LEVELS REGULARLY. TAKE DOCTOR'S ADVICE TO INTAKE IRON SUPPLEMENTS IF NECESSARY.

Upload Data

Swasthya

Dashboard

Prescription

Records

Consultation

DASHBOARD

Nihal Ruttala ID : 2453227332

WEIGHT:

HEIGHT:

BLOOD PRESSURE SYSTOLIC (MM HG):

BLOOD PRESSURE DIASTOLIC (MM HG):

PULSE RATE (BPM):

BODY TEMPERATURE(°F):

DIAGNOSE

Diagnosis

Swasthya

DASHBOARD

Dashboard

Prescription

Records

Consultation

UPLOAD DATA



Nihal Ruttala ID : 2453227332



BMI:

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golden years. Join
Swasthya

28.40

BLOOD PRESSURE CATEGORY:

Empower your residents golden years. Join Swasthya Empower your residents
golden years. Join Swasthya

High BP(hypertension stage 2)

TEMPERATURE:

Hypothermia(Low fever)

PULSE RATE STATUS:

High pulse rate

Upload Prescription

Swasthya

Dashboard

Prescription

Records

Consultation

UPLOAD PRESCRIPTION

Nihal Ruttala ID: 2453227332



FROM

JUNE,07

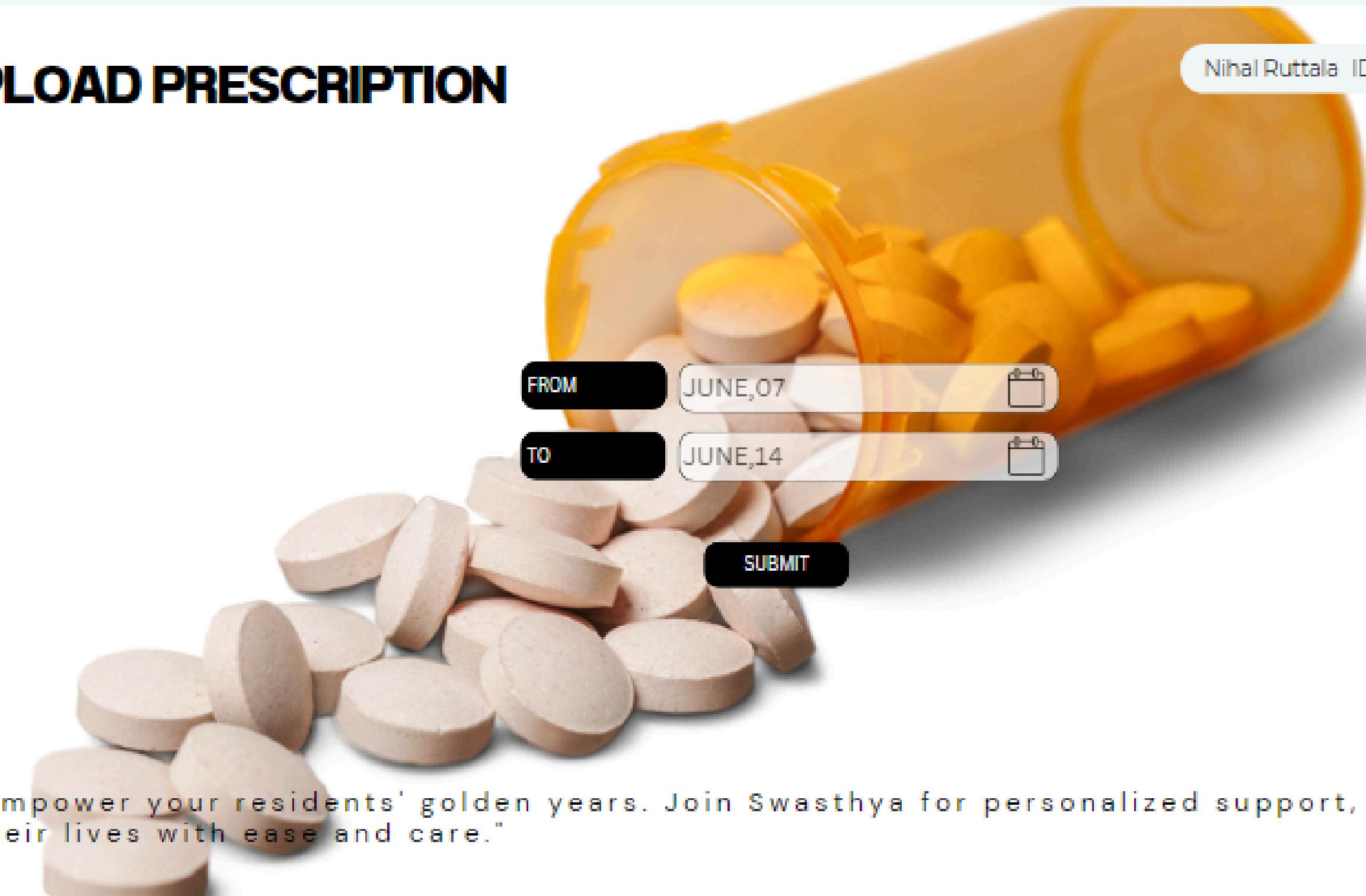


TO

JUNE,14



SUBMIT



"Empower your residents' golden years. Join Swasthya for personalized support, enriching their lives with ease and care."

Upload Prescription

Swasthya

JUNE,7 – JUNE,14

Nihal Ruttala ID:2453227332



Dashboard

Prescription

Records

Consultation

NAME

QUANTITY mg

RESTRICITON

TIME

+



Paracetamol

250mg

NOON/AFTER FOOD

14-05-24/16-04-24

SUBMIT

Prescription

Swasthya

Dashboard

Prescription

Upload

Records

Diet Plan

Consultation

EMERGENCY

PRESCRIPTION

JUNE,7

RESET ALL

Nihal Ruttala ID:2453227332



Paracetamol 250mg

NOON/AFTER FOOD

14-05-24/16-04-24

SUBMIT

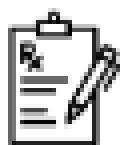


Paracetamol 250mg

NOON/AFTER FOOD

14-05-24/16-04-24

SUBMIT



Paracetamol 250mg

NOON/AFTER FOOD

14-05-24/16-04-24

SUBMIT

Upload Records

Swasthya

Dashboard

Prescription

Upload

Records

Diet Plan

Consultation

EMERGENCY

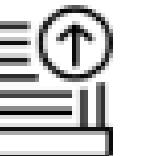
UPLOAD RECORDS

Nihal Ruttala ID: 2453227332



NAME :

UPLOAD



Choose and drop
file here

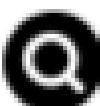
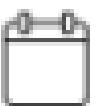
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	Blood Test	12-02-2024	<button>VIEW</button>
	Blood Test	12-02-2024	<button>VIEW</button>

Records

Swasthya

RECORDS

Nihal Ruttala ID: 2453227332



Dashboard

Prescription

Upload

Records

Diet Plan

Consultation

EMERGENCY

Notifications

Send Notification

x

Message:

BMI & We

BP Catego

Send Notification

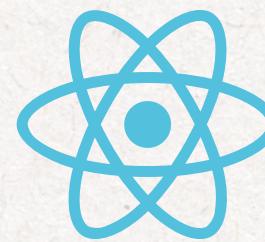
Notifications

Messages

July 2

Dr:nihal: Appointment at 8:00 am don't forget !! (05:54 PM)

Technology Stack



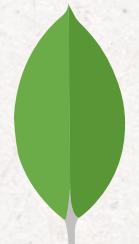
REACT JS



GIT HUB



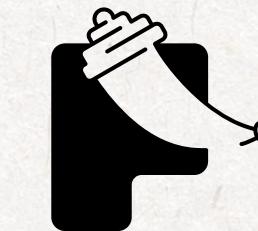
NODE JS



MONGO DB



TAILWIND CSS



FLASK



OLLAMA



SKLEARN



STREAM.IO



SWASTHYA

Thank you!

