



Team No: 16

Team Name: Undefiend

Track: CS & AI

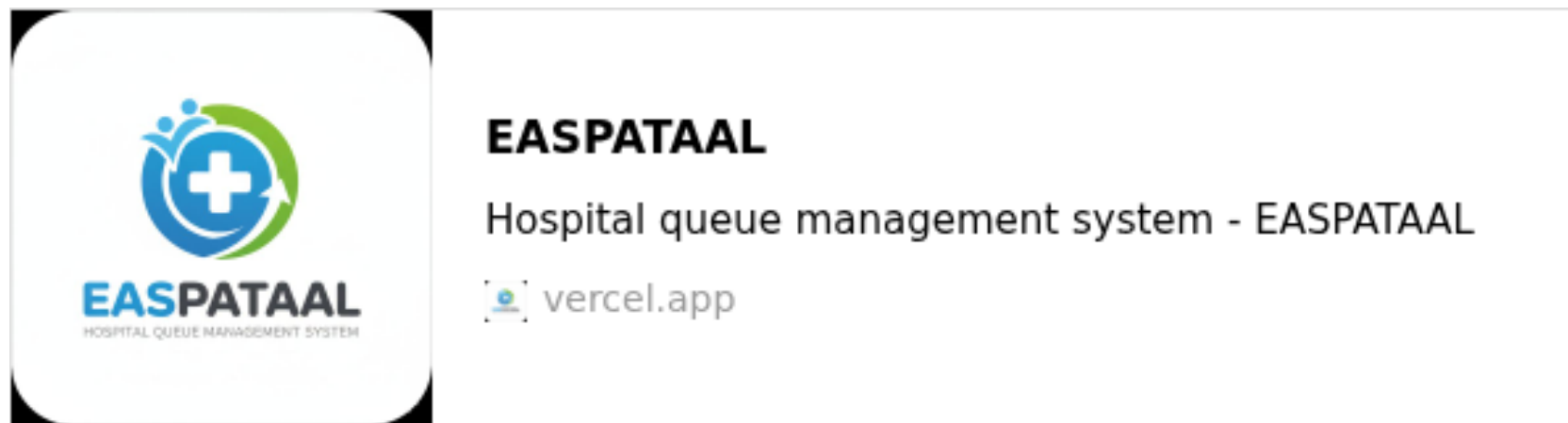
Members: Jnanesh, Himanshu Hegde, Milan C I, Gauresh G Pai

Title: Real-Time Queue Management in Hospitals Context (India-specific):

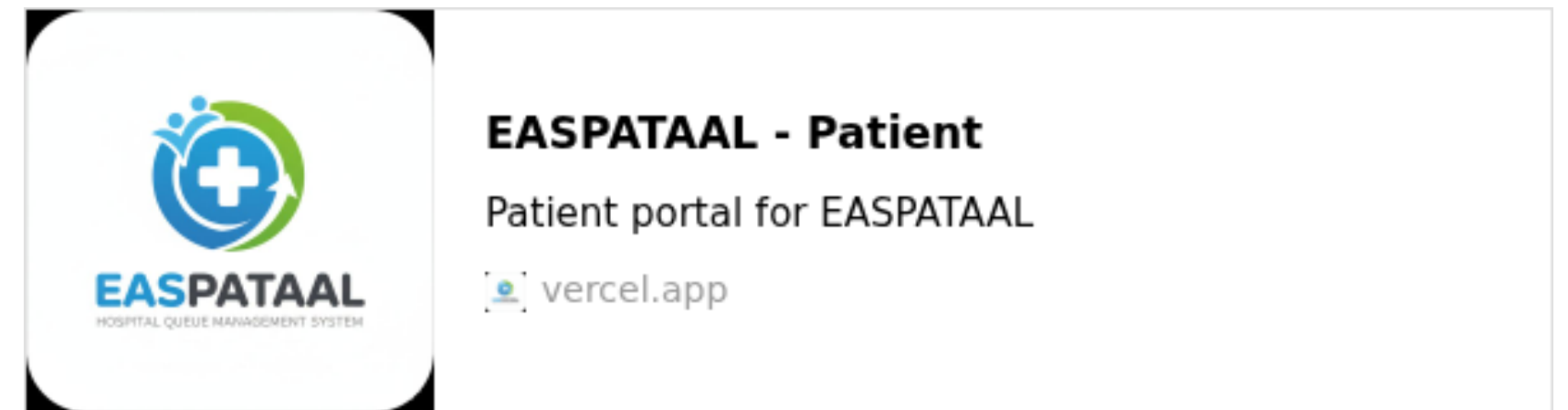
In many Indian government and private hospitals, patients spend hours waiting in long queues for registration, doctor consultation, or lab tests. With no proper system to track their turn, patients face frustration, overcrowding, and wasted time. Hospitals also struggle to manage multiple counters and departments efficiently, leading to delays and patient dissatisfaction.

Proposed solution :

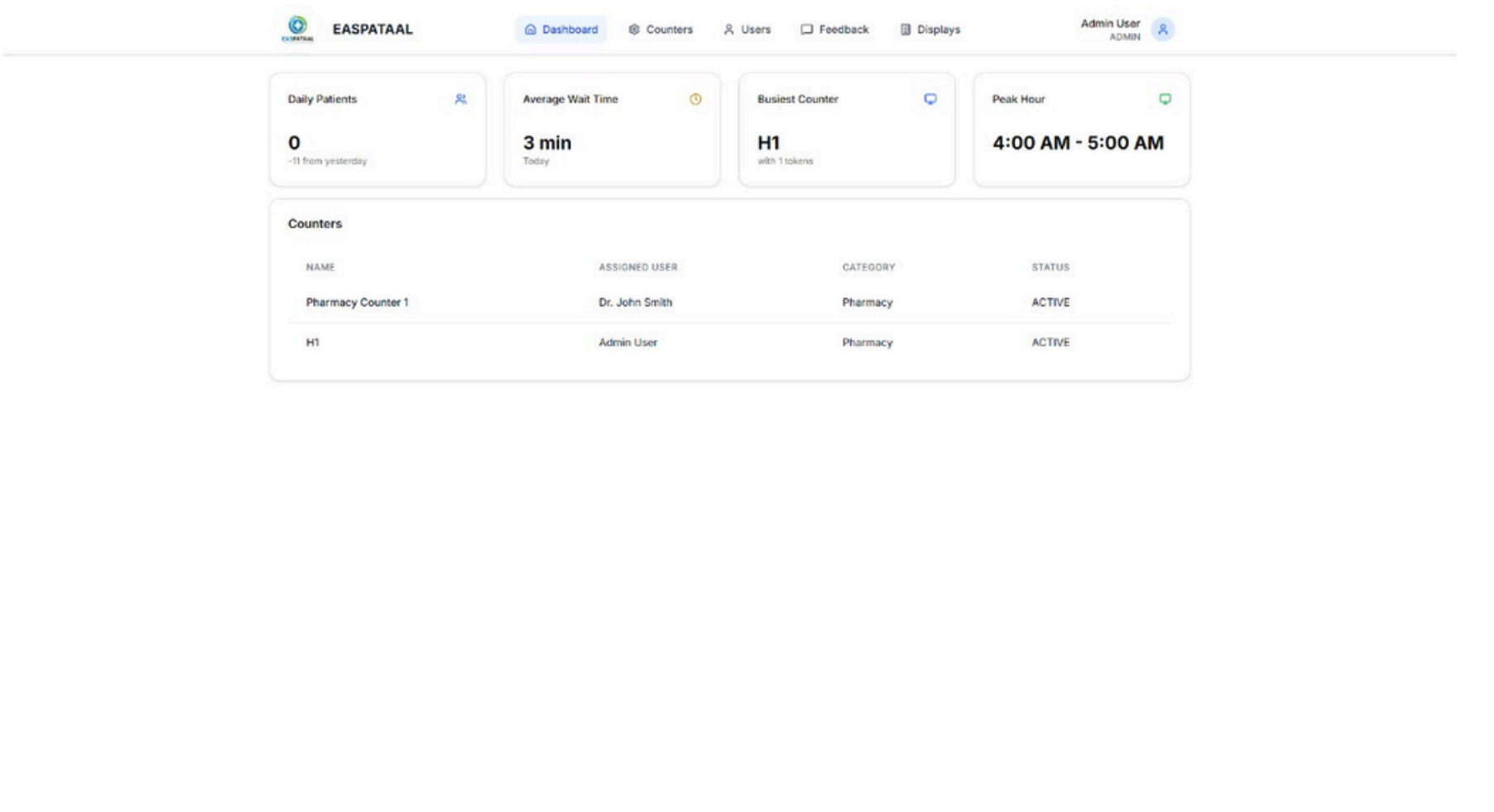
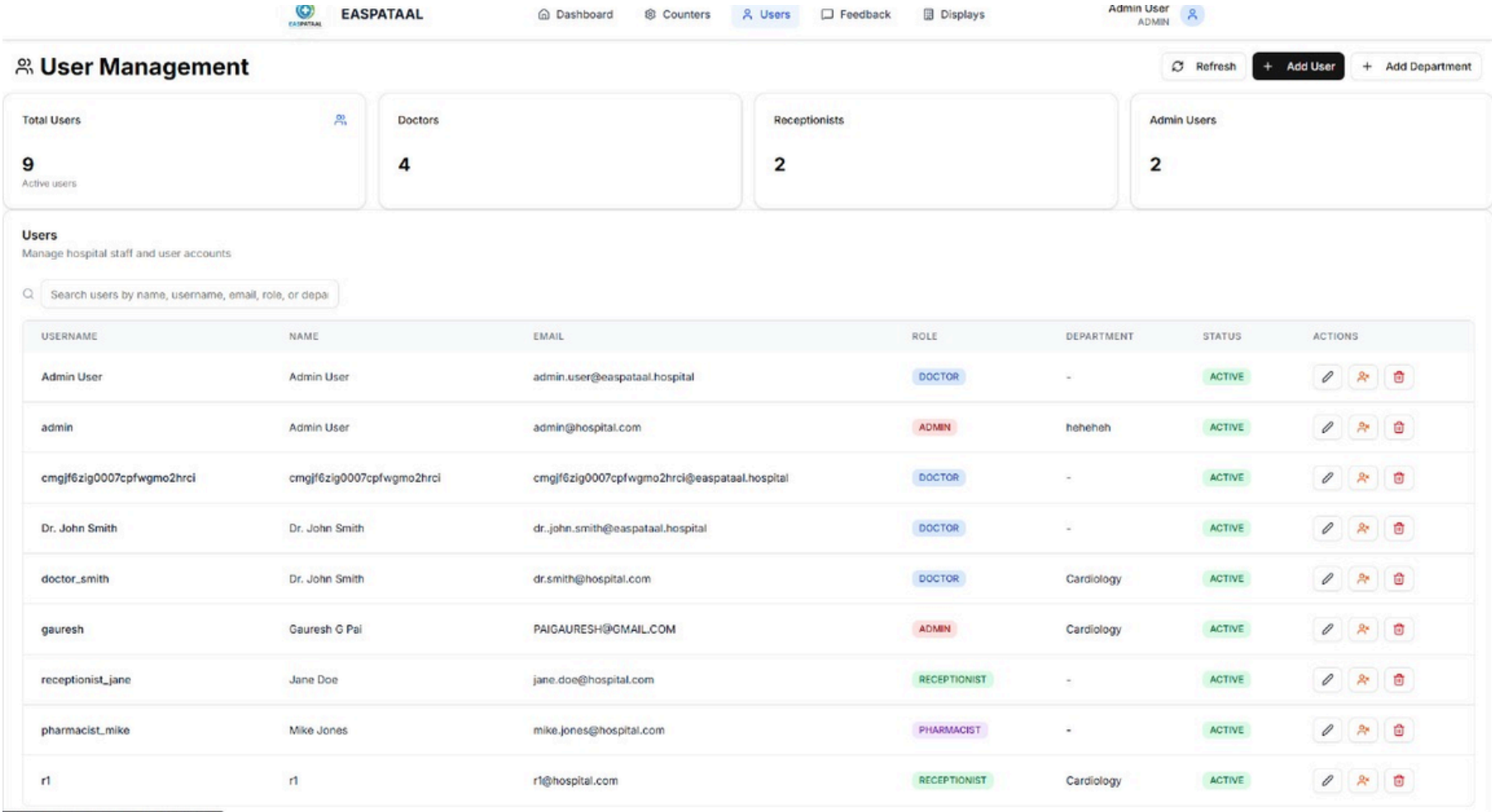
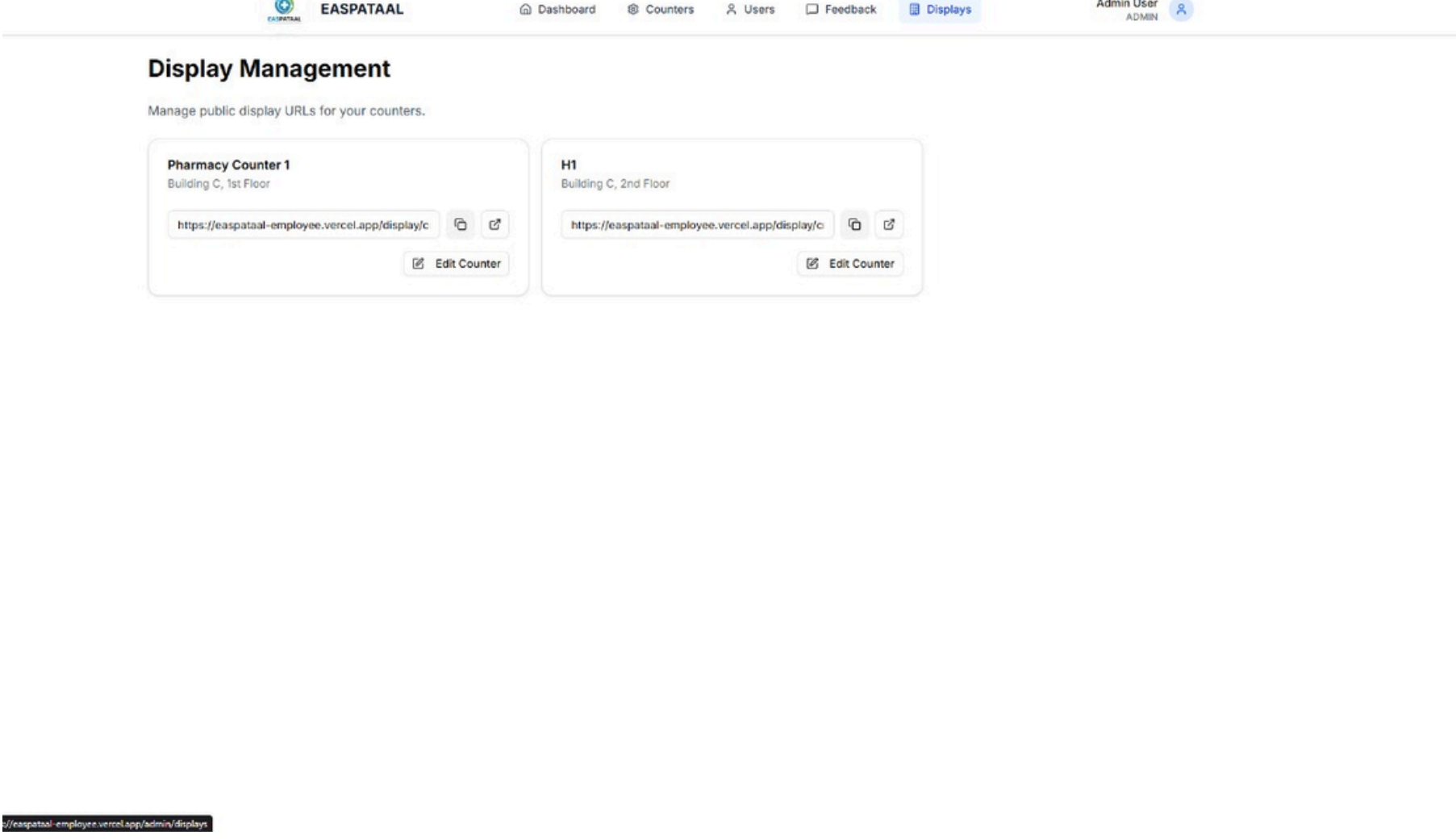
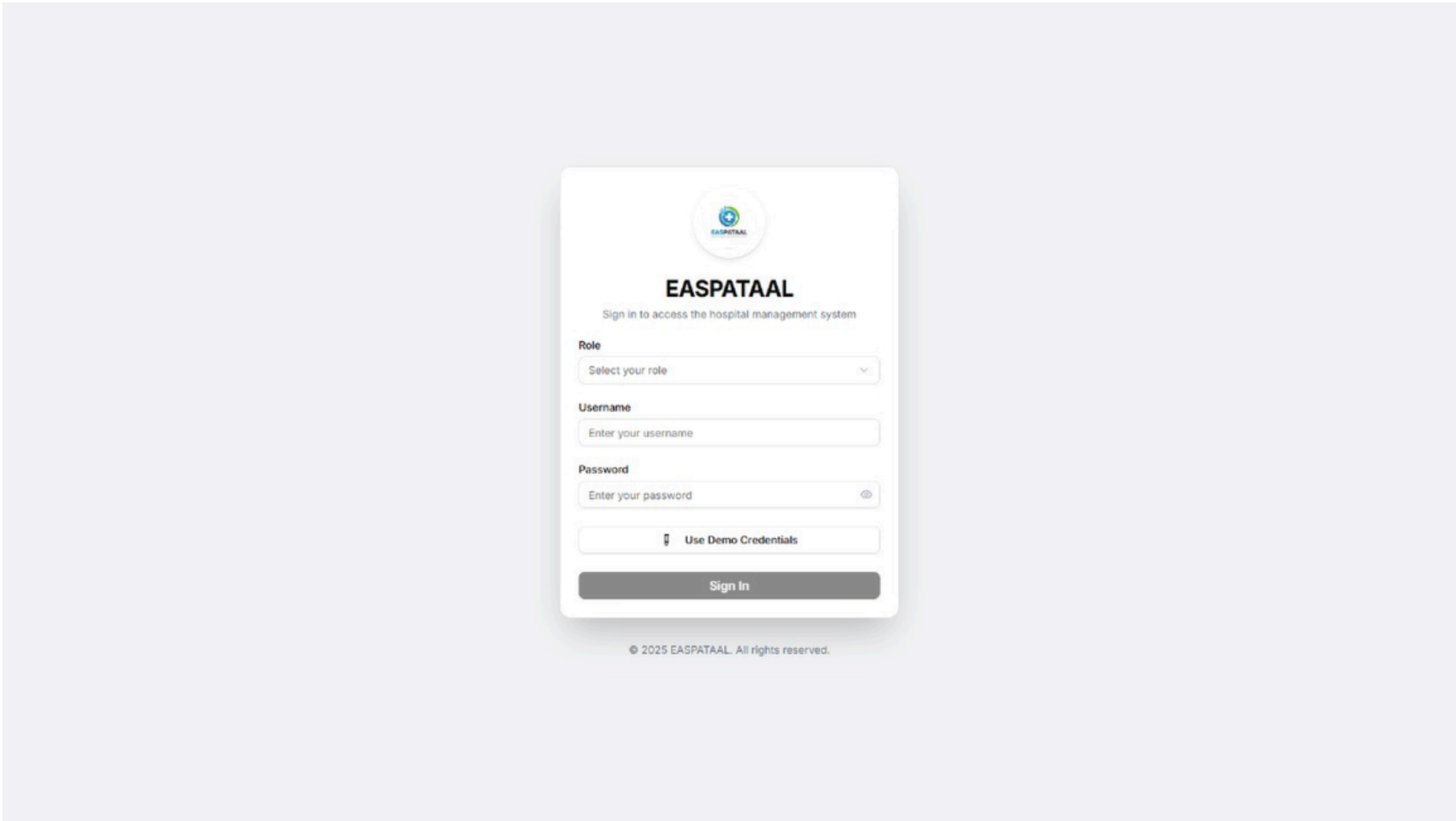
About A full-stack web/mobile application designed to eliminate long waiting times and enhance efficiency in hospital environments, specifically addressing the challenges of overcrowded queues common in many Indian hospitals.



Hospital queue management system



Patient portal



EASPATAAL

Dashboard

Counters

Users

Feedback

Displays

Admin User

ADMIN

Patient Feedback

Review and address feedback submitted by patients.

Total Anonymous Feedbacks

1

Avg. Anonymous Rating

2.0

Top Rated Doctor

No ratings yet

All Feedbacks

Anonymous

10/10/2025, 2:59:00 AM

hehe

2★

EASPATAAL

Dashboard

Counters

Users

Feedback

Displays

Admin User

ADMIN

Profile Settings

View your account information

Personal Information

Your account details (read-only)

Full Name

Admin User

Email Address

admin@hospital.com

Department

Not assigned

User ID

cmgltf72cv0008cpfwucmzz5vi

Role

ADMIN

Note: To update your personal information, please contact your system administrator.

Patient Management

Refresh

Create Patient

Patients

Manage hospital patients

Search patients by name or phone...

NAME	PHONE	ACTIONS	QR CODE
John Doe	555-1234	<div>Create TokenEdit</div>	<div></div>
Drink water	7019085844	<div>Create TokenEdit</div>	<div></div>
Jane Smith	7858459585	<div>Create TokenEdit</div>	<div></div>
Gauresh	8861621934	<div>Create TokenEdit</div>	<div></div>
sdf	7975082596	<div>Create TokenEdit</div>	<div></div>
sdf	7018085645	<div>Create TokenEdit</div>	<div></div>
sdxfksdf	9590524578	<div>Create TokenEdit</div>	<div></div>
sdfsdfsdfsdfsdf	7975082596	<div>Create TokenEdit</div>	<div></div>
dsfsdpo	7975082596	<div>Create TokenEdit</div>	<div></div>
sdfplbhfjtyr5	88616 21934	<div>Create TokenEdit</div>	<div></div>

Create New Patient

Add a new patient to the hospital management system.

Patient Name *

Enter patient name

Phone Number

Enter phone number

Age

Enter age

Gender

Select gender

Blood Type

Select blood type

Cancel

Create Patient

Create Token for sdf

Select Category ▾

Cancel

Create Token

Add New Drug

Enter the details of the new drug to add to inventory.

Drug Name

Enter drug name

Current Stock

0

Minimum Stock

0

Category

General ▾

Location

Main Pharmacy

Batch Number

Expiry Date

mm/dd/yyyy



Cancel

Add Drug

Counters Counter Categories

Counter Management

Refresh

+ Add Counter

Counters

Manage hospital counters

Search counters by name or location...

NAME	LOCATION	STATUS	CATEGORY	ASSIGNED DOCTOR	ACTIONS
Pharmacy Counter 1	Building C, 1st Floor	ACTIVE	Pharmacy	Dr. John Smith	Edit Delete
H1	Building C, 2nd Floor	ACTIVE	Pharmacy	Admin User	Edit Delete

Prescription Orders

Friday, 10 October 2025

Prescription Orders

Manage and process prescription orders from doctors

Search by patient, doctor, or prescription ID...

All

Pending

Filled

Cancelled

Prescription #k4e8knfg

Patient: Milan C I | Doctor: cmgjf6zig0007cpfwgmo2hrcl
Created: 10/10/2025

FILLED

Medications:

Aspirin

2 | 2 | 4days

Filled

Cancel

Prescription #5ng242sv

Patient: John Doe | Doctor: Dr. John Smith
Created: 10/9/2025

FILLED


Medications:

Aspirin

500mg | Twice a day | 7 days

Filled

Cancel

EASPATAAL

[Dashboard](#)[Inventory](#)[Orders](#)

Mike Jones
PHARMACIST

Pharmacy Inventory

Friday, 10 October 2025

Drug Inventory

+ Add New Drug

Current stock levels across all pharmacy units

Search by name or category...

Aspirin

Pain Reliever

Current Stock: 995 units

Min Required: 100 units

Location: Main Pharmacy, Shelf A

Expiry: 1/1/2026

Edit

Paracetamol

Pain Reliever

Current Stock: 500 units

Min Required: 50 units

Location: Main Pharmacy, Shelf B

Expiry: 7/1/2026

Edit

Add Prescription

Notes

Medications

Drug Name

Select drug

Dosage

Frequency

Duration

Instructions

Add Another Medication

Add Prescription

Doctor Queue

Current Token

1

Patient: Milan C I

NORMAL

CALLED

Add Prescription

Complete Token

Call Next Token

Next Tokens

Token: 3

Patient: John Doe

NORMAL

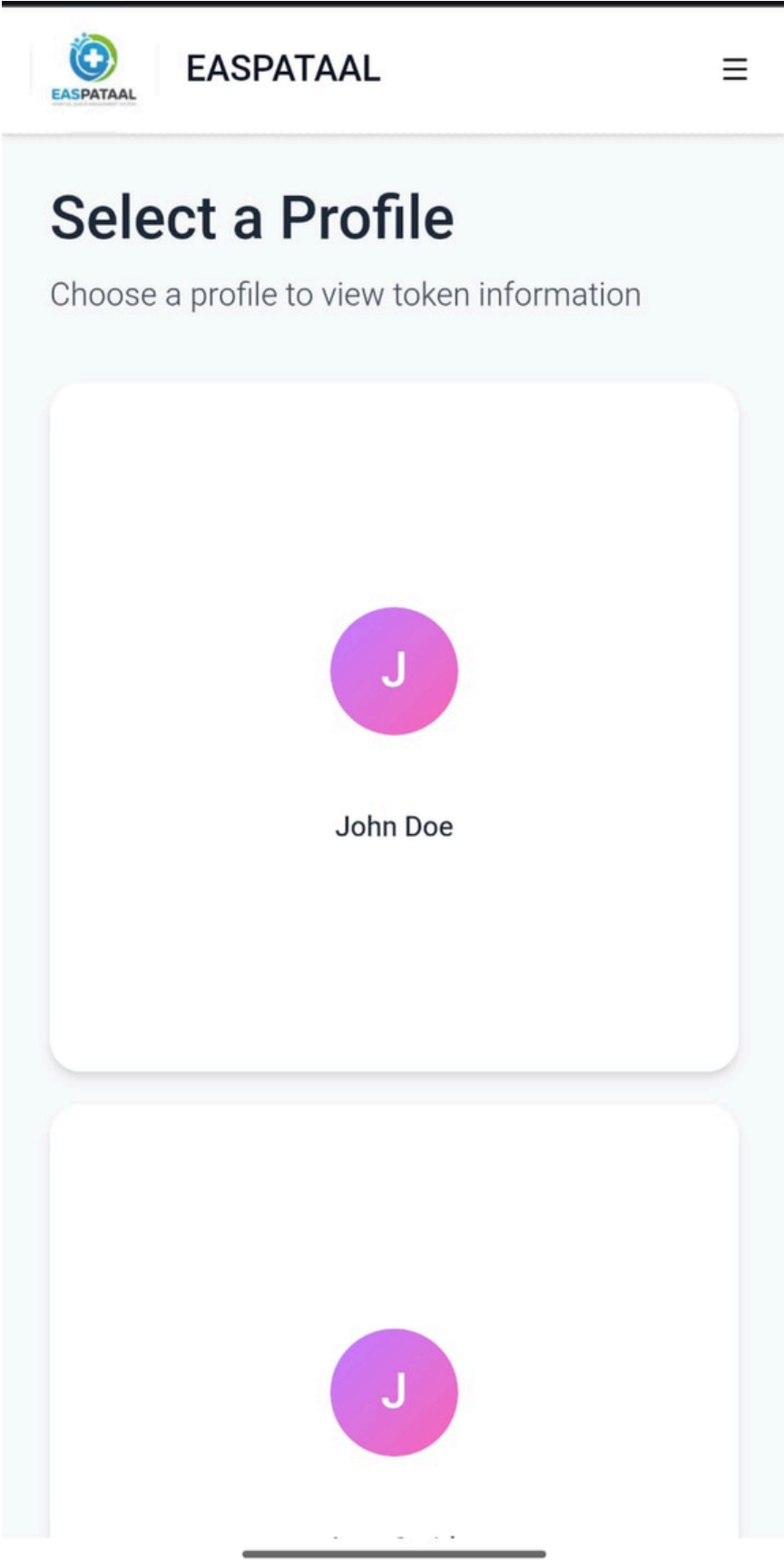
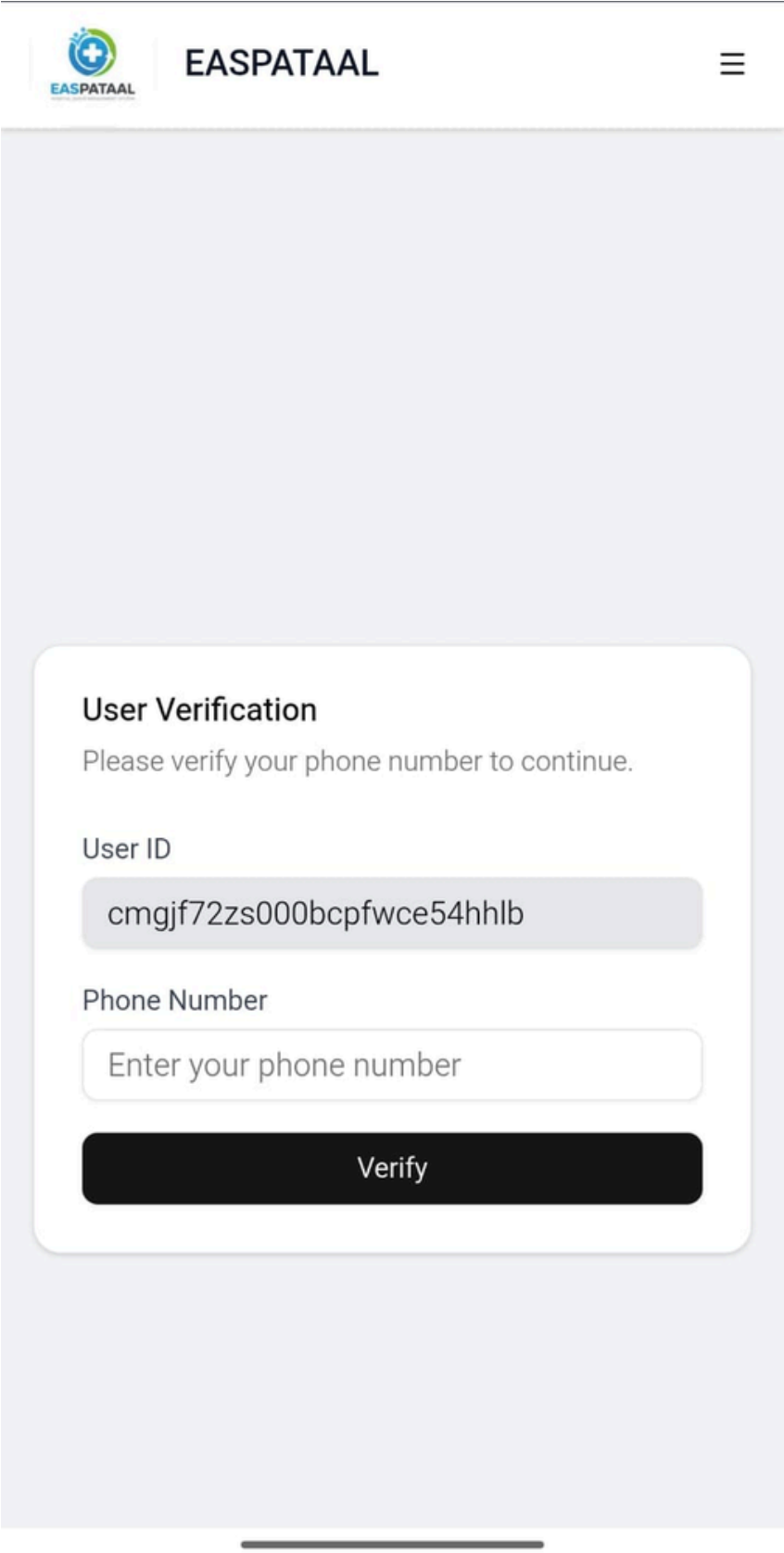
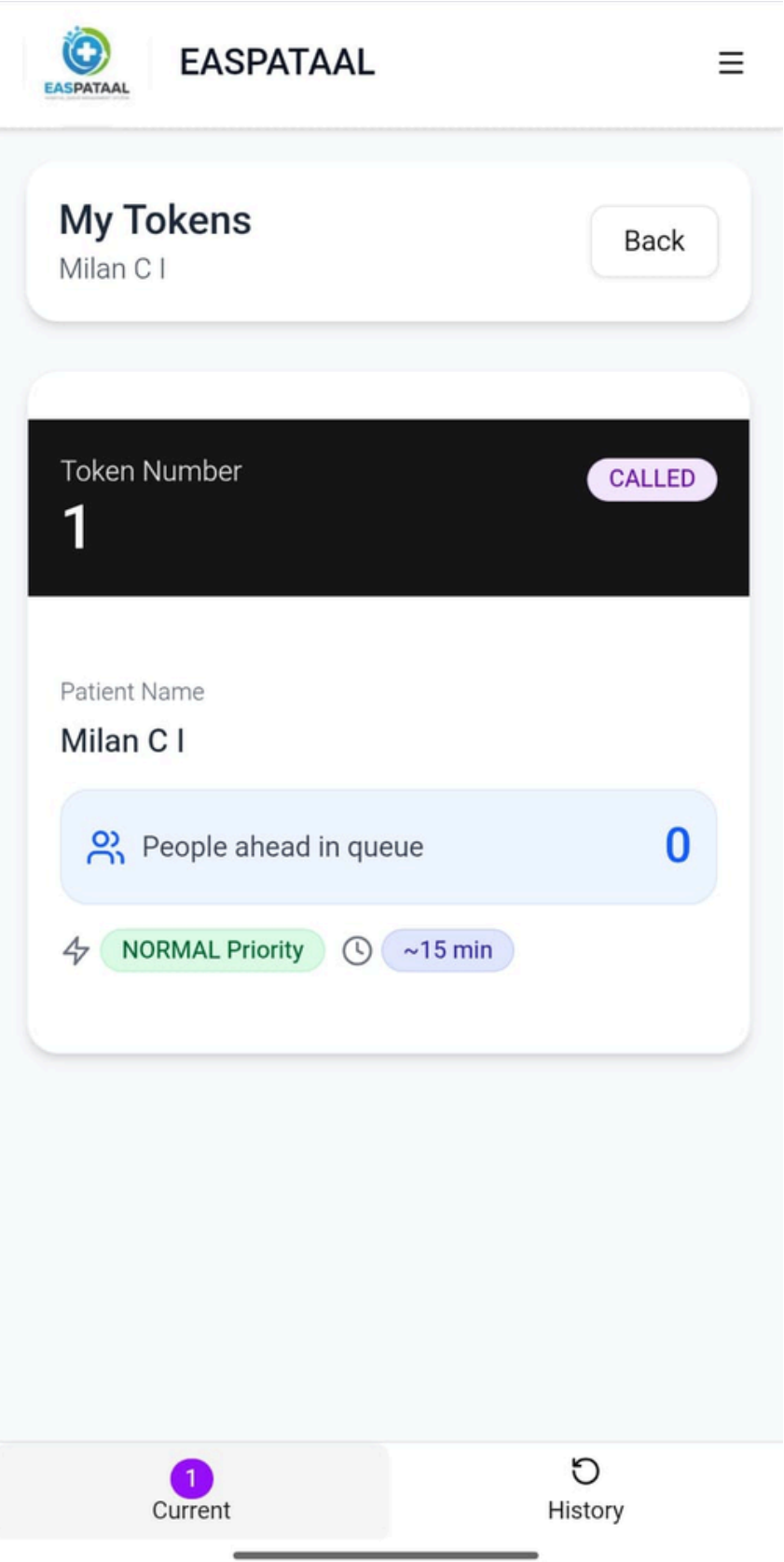
Token: 5

Patient: Gauresh

NORMAL

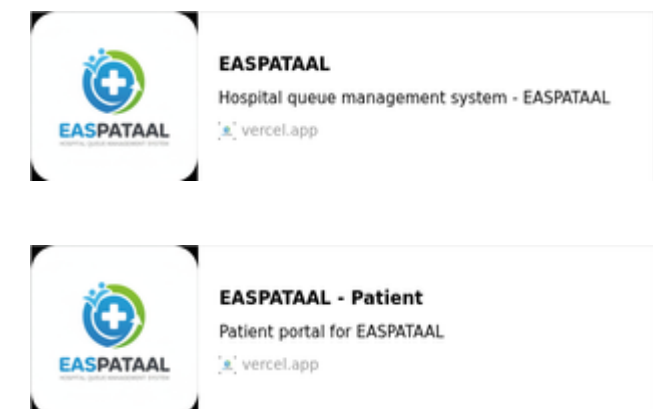
Recent Tokens

No recent tokens.



HealthCare is all about Safety, User Experience and Simplicity

Thank You



[Github Repo](#)