

Student Startup research & Innovation Festival  
Azadi ka Amrit Mahotsav



**Hackathon 2022**

**Regional Round**

# Problem Statement

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QR (Quick Response) Code based citizen feedback system.

# e-Pratikriya

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About:-

- Scan A QR Code pasted in Police Station for feedback.
- Fill feedback form.
- The Application calculates the perception of public about Police.
- Any Officer with login rights can directly monitor the perception of public regarding policing in PS/Sub Division/ District.



## FRONTEND

- Bootstrap
- HTML,CSS
- React



## BACKEND

- Node.js
- Firebase



## DATABASE

- MongoDB
- Mongoose

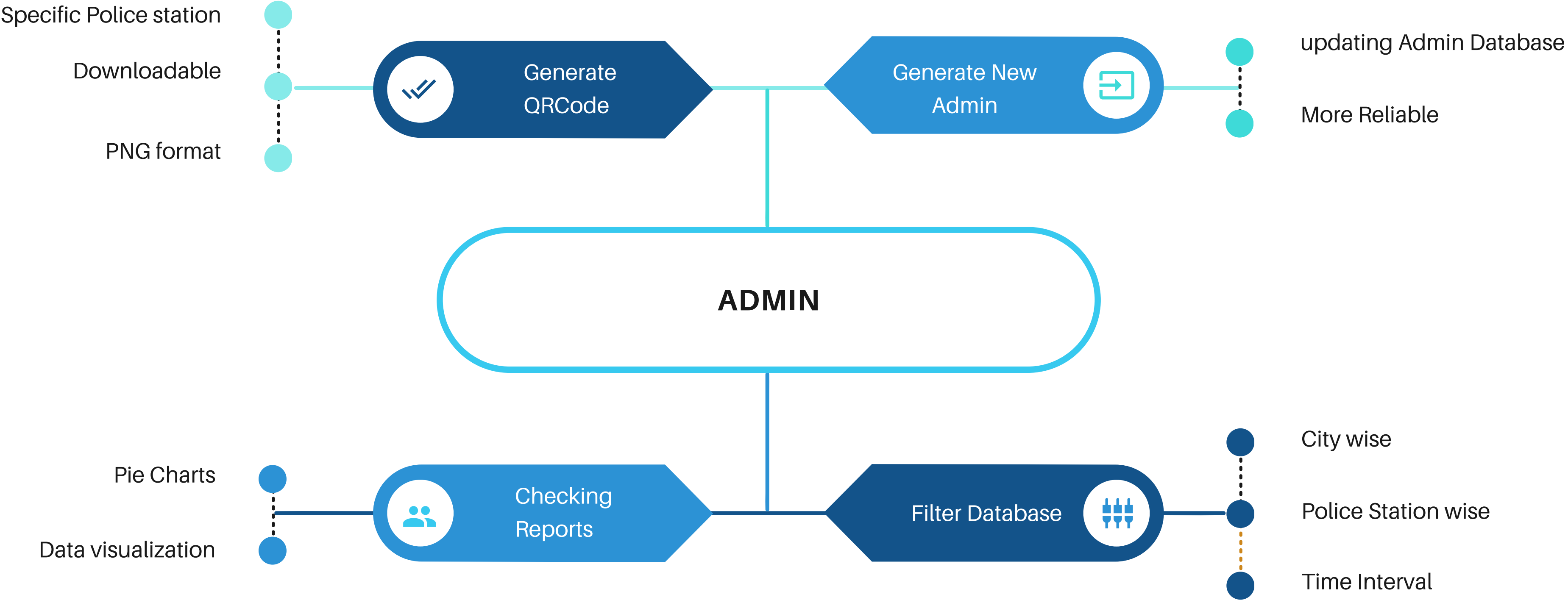


## QR CODE AND PLOTS

- Python
- Plotly

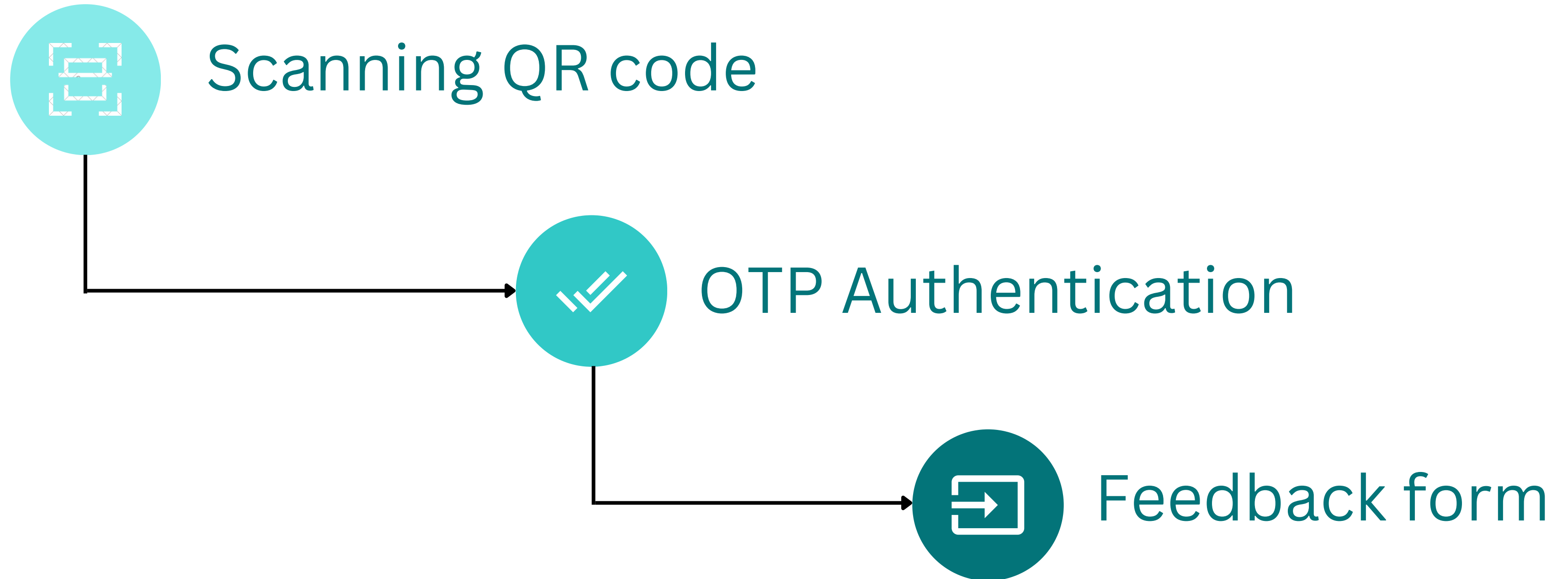
# Technologies used

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# User Work Flow

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WhatsApp

React App

+

localhost:3000/login

GmailWhatsAppGoogle classroomHersokuYouTubepushThePop (Yash C...Problems - LeetCodeDashboardBasics of Bit Manip...Online Courses - Le...My Drive - Google...DSA-Bootcamp-Jav...LeetCode Question...Refalt - relational d...




e-Pratikriya

Email address

Password

Sign In



ENG IN 01:20 PM 18-10-2022





WhatsApp

Read App

localhost:3000/generateQR

GmailWhatsAppGoogle classroomHackerRankYouTubeyeshTalekg (Math C...Problems - LeetCodeDashboardBasics of St Manip...Online Courses - Le...My Drive - Google...DSA-Bootcamp-Jav...LeetCode Question...Reflet - relational d...

e-Pratikiya

Dashboard

Generate QR Code

Create Admin

Report

Log Out

# Generate QR Code

Enter City

vadodara

Enter District

vadodara


Enter Sub-Division/Area

sector 4

Enter Police Station

manjalpur

Generate QR Code




Download

Windows Taskbar

System Tray


The screenshot displays a web application running on a local host. The browser's address bar indicates the URL is 'localhost:3000/createAdmin'. The application's interface includes a blue header bar with the text 'e-Pratikriya' and a light blue sidebar on the left. The sidebar contains five navigation items: 'Dashboard', 'Generate QR Code', 'Create Admin' (which is highlighted with a dark blue background), 'Report', and 'Log Out'. The main content area, which has a white background, is titled 'Create Admin'. It features a form with four input fields arranged in a 2x2 grid: 'Name', 'Date of Birth' (which includes a small calendar icon), 'Email address', and 'Password'. Below these fields is a prominent blue button labeled 'Add'. The browser's taskbar at the bottom shows various open applications, and the system tray on the right indicates the time is 01:22 PM on 10-10-2022.

# User Interface




Thanks for visiting  
maninagar Police Station

Phone Number

☐ I'm not a robot   
reCAPTCHA  
Privacy - Terms

Generate OTP

Enter Phone  
number




Thanks for visiting  
maninagar Police Station

OTP Code  
573956

Verify

Resend OTP

OTP verification



Feedback Form

1. How did you come to the police station?

☒ Through a person known to a police officer

☐ With a neighbour/ local leader

☐ On your own

2. After how much time you were heard in PS?

☒ More than 15 minutes

☐ 15 minutes

☐ 10 minutes

☐ 5 minutes


☐ Immediately

3. How would you describe your experience with police officers in the police station?

Maximum 300 characters allowed.

Submit

Filling Feedback  
form



**Thank You for your Feedback**

Download [Citizen First Gujarat Police](#) for Citizen

Dial 112 for any emergency

Thank You Screen

# Work In Future

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- Add other Languages
- Dynamic Data visualization
- Dynamic Form Creation
- QR Code Download with extra information

# Team Members

Perin Mahesh  
Mangukiya

Frontend

Alex Tamboli

Python Integration and Data  
visualization

Rohit Khandal

Database and Python scripts

Yash chandil Gupta

Backend

# Thank you

