



HackOrbit 2025

Team Name - SheInnovates

THEME & PROBLEM STATEMENT

Queue Free India : Enhancing Public Convenience with Real-Time Smart Queuing System

In India, millions waste hours every day standing in long queues at clinics, temples, salons, ration shops and government offices — often in harsh weather, with no idea when their turn will come.

This outdated system leads to lost income for workers, physical strain for the elderly and sick, and frustration for everyone involved.

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Standing in a queue is not a choice — it's a punishment. DigiQueue gives it an end!

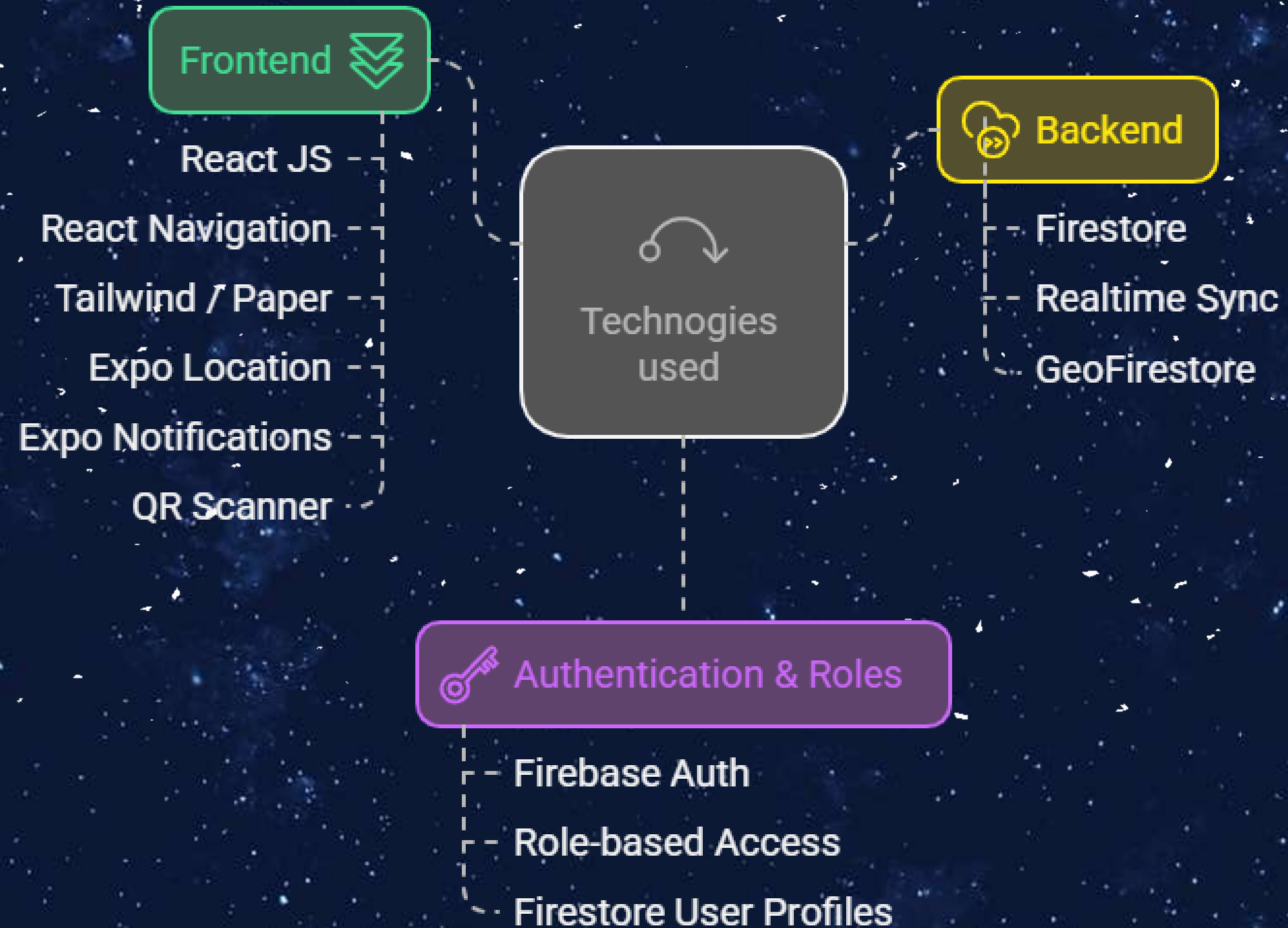
PROPOSED SOLUTION

DigiQueue is a real-time smart queuing system that lets people book tokens remotely and track their turn from anywhere.

It empowers clinics, temples, salons, and ration shops to manage queues digitally without any hardware or hassle.

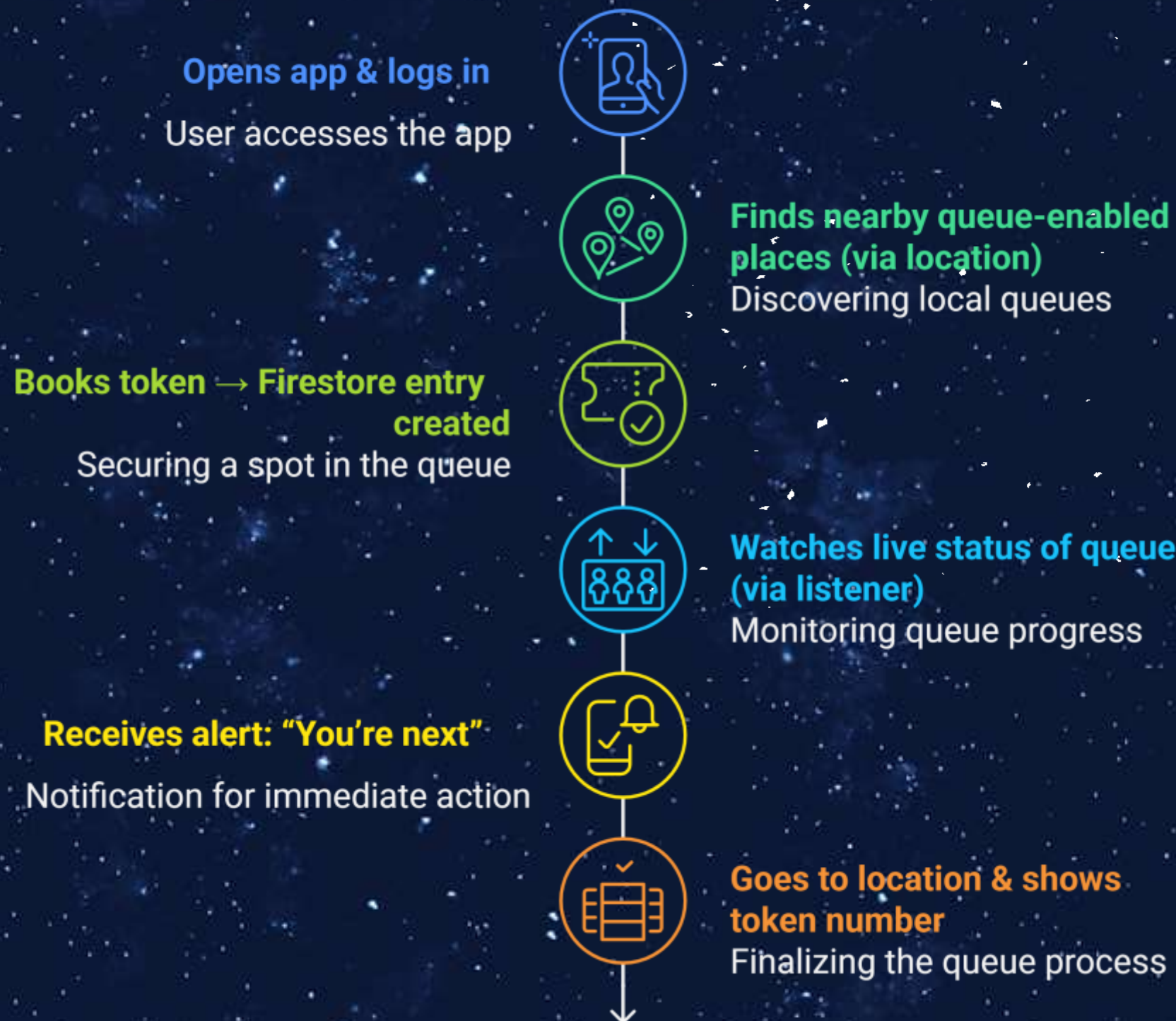
Users get timely alerts, while admins can control crowd flow with just a tap. It's fast, simple, and built to bring dignity, order, and saved time to everyday lives across India.

FLOWCHART (TechStack)

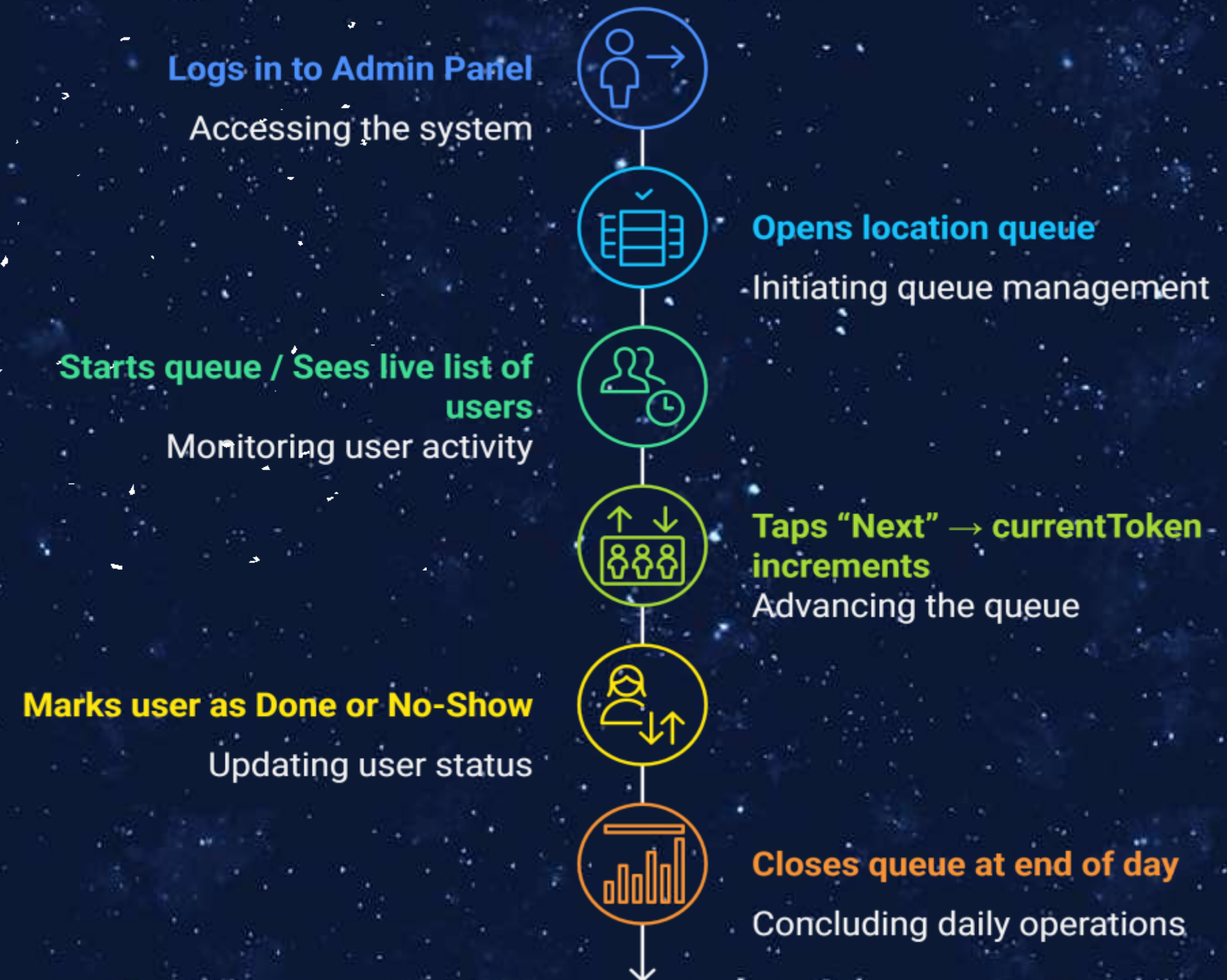


FLOWCHART

Streamlined User Journey



Streamlining the Admin Workflow



FEATURES AND NOVELTY

➤ Features of DigiQueue

- ➡📱 **Remote Token Booking** - Users can book queue slots from anywhere via the app.
- 🕒📊 **Live Queue Tracking** - See real-time status, estimated wait time, and current token number.
- 🔔 **Smart Alerts & Notifications** - Push alerts when your turn is near or if you're next in line.
- 👤 **Role-Based System** - Separate dashboards for Admins (queue managers) and Users (customers).
- 📍 **Location-Based Discovery** - Find nearby DigiQueue-enabled places using live location.
- 📊 **Queue Analytics for Admin** - Track peak hours, no-shows, and flow efficiency.

➤ Novelties of DigiQueue

- 💡 **Applies Queue Tech to Daily Indian Life** - First-time queuing solution tailored for temples, ration shops, clinics and more.
- 🌐 **Made for Bharat** - Lightweight, multilingual, and low-bandwidth — perfect for rural + urban use.
- ⚡ **One-Tap Admin Control** - Start, pause, call next, or close queue instantly — no training needed.
- 🔁 **Fully Real-Time Without a Backend Server** - Fire store-powered sync makes it lightning fast and highly efficient.

DRAWBACK AND SHOWSTOPPERS

Application Drawbacks



➤ Showstoppers of DigiQueue

- **Real-Time Queuing Without the Waiting** — Users book tokens remotely, track their position live, and get notified when it's their turn — no more standing in lines for hours.
- **No Hardware, No Setup** — Just a Smartphone Temples, clinics, and shops can start managing queues instantly using only a mobile app — zero cost, zero training.
- **Designed for Bharat** — Urban & Rural Ready Lightweight, low-data app that works even on budget phones and poor connectivity — built for every Indian.
- **Dual Role System** — Admin & User in One App, two powerful views: customers book, admins manage — clean role-based UI for both sides.
- **Not Just an Idea** — A Deployable, Scalable Solution Fully functional MVP with Firebase + React Native stack, ready to launch and scale across India.

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Thank
you