



CLIENT PROJECT

Gated community visitor management with QR passes

A UK company providing visitor management for gated residential estates

IN SHORT

Guards at gated estates now know who to expect, check each visitor with one QR scan, and managers can see which guards clocked in at the gate.

THE CHALLENGE

Gate guards were checking visitors they had no notice of. Residents needed to approve guests in advance, and guards needed a list of who to expect and a way to check each pass. Estate managers needed proof that guards were on duty at the gate.

WHAT WE BUILT

We built a React Native app for residents, guests and guards, and a React web portal for guards, estate admins and a super admin. Residents send invitations with the guest's photo and pass dates. Guests confirm and add a vehicle number. Guards get an alert when a guest is near and scan a QR code to validate the pass.

AT A GLANCE

INDUSTRY

Real estate

SERVICES

Mobile app development

Web application development

Custom software development

PLATFORMS

Web

Mobile

Read the full project: <https://itechnosol.com/our-work/estate-visitor-pass-and-gate-security-app/>

THE RESULT

Guards know who to expect each day and can check a pass with one scan. Residents and managers see past and upcoming visitors, and managers can see which guards clocked in at the gate.

BUILT WITH

React, React Native, Node.js, Express.js, MongoDB, Firebase, Ubuntu cloud server, Nginx, GitHub Actions, Git

KEY FEATURES

■ Resident invitations

Residents invite guests with the visitor's photo and the dates the pass is valid, and see past and future invitees.

■ Arrival alerts

The resident is alerted as the guest approaches, and the guard is alerted when the guest is within 30 meters of the entrance.

■ Expected visitors list

Guards see each day's expected visitors as residents create invitations.

■ Resident controls

Estate admins invite residents to register and can switch off a resident's access or invitations.

■ Guest confirmation

Guests confirm the visit, upload their own photo and enter their vehicle number.

■ QR pass scanning

Guards scan the guest's QR code to pull up the visitor's details and validate the pass for that day.

■ Location-locked clock-in

Guards clock in and out in the app, only at the location the estate admin sets.

■ Multi-estate admin and reports

A super admin creates estates and users, and reports compare people invited with people who visited.

Planning something similar?

Send us a few lines about your project. A founder replies within 4 business hours with an indicative cost and timeline, free and with no obligation.

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