EDITION

November 2026

iTechnoSol Inc.

PROJECT OVERVIEW

Visitor pass and gate security for gated estates in the UK

Guards check each visitor with one QR scan on web and mobile, and managers see which guards clocked in at the gate.



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CLIENT

A UK company providing visitor management for gated residential estates

INDUSTRY

Real estate

PLATFORMS

Web, Mobile

THE REQUIREMENT

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.

THE OUTCOME

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.

CLIENT PROJECT

What it does

In short: one QR scan at the gate.

Resident invitations

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

Guest confirmation

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

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.

QR pass scanning

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

Expected visitors list

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

Location-locked clock-in

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

Resident controls

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

Multi-estate admin and reports

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

BUILT WITH

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

PLATFORMS

Web · Mobile

SERVICES

- Mobile app development
- Web application development
- Custom software development

WORKING WITH US

How a project runs

The same four stages for every project, with working software early and the option to stop after any stage.

STAGE 1

Audit

We map the current process and agree on a first release.

STAGE 2

Trial

A working version on your data before the full build.

STAGE 3

Build

Weekly working demos, integrated with your systems.

STAGE 4

Go live

Rollout to one team, then company-wide.

INCLUDED IN EVERY QUOTATION

- Written scope with dated milestones
- Testing before delivery
- Documentation for your team
- Weekly working demo
- Code in your repository from day one
- Free bug fixes in the warranty period after launch

OUR PROMISES

- **NDA before anything**
- **You own all the code**
- **Your first call is with a founder**

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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