EDITION

November 2026

iTechnoSol Inc.

PROJECT OVERVIEW

Offered-versus-refused activity reporting for a care home group

Activity tracking on web and mobile, with an AI report that reads only de-identified records.



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CLIENT

A UK care home group with several homes

INDUSTRY

Healthcare

PLATFORMS

Web, Mobile

THE REQUIREMENT

Homes in the group run many activities each week. Managers wanted to know which ones residents turn down and what staff say about them, without reading every attendance list and enrichment chart by hand. Any AI involved could not be allowed to see who the residents are.

WHAT WE BUILT

We built the activities module first: interest-based invitations, attendance with mandatory absence reasons, and enrichment chart entries. On top of that record we added an AI breakdown that works only on redacted, de-identified text, with results matched back to residents inside the group's own platform.

THE OUTCOME

For each activity, planners see how often it was offered against how often it was refused, with negative staff comments brought to the top. The data behind the report is captured during ordinary shifts, and resident identities never reach the AI model.

CLIENT PROJECT

What it does

In short: offered against refused, per activity.

Offered versus refused

Per activity, the AI shows times offered against times refused, so planners see at a glance which sessions are not landing.

Negative comments first

Critical staff comments from enrichment charts rise to the top, so the reason behind a refusal is easy to find.

De-identified before AI

Names, dates of birth, NHS numbers, phone numbers and addresses are removed or replaced with placeholders before any text reaches the model.

Matched back in-house

Results return keyed to placeholders and are joined to the right resident inside the group's own platform.

Mandatory absence reasons

Staff must give a reason, such as 'not interested', for every absent resident, which gives the report its evidence.

Interest-based invitations

The system suggests residents for an activity from their interests, and staff add or remove names.

Reviewed by planners

The home manager and wellbeing coordinator read the breakdown before changing a program.

Reporting only

The breakdown never cancels a session, edits a schedule or changes a resident's record.

BUILT WITH

React · Node.js · Express.js · MongoDB · OpenAI API · AWS · GitHub Actions · Git

PLATFORMS

Web · Mobile

SERVICES

- AI agent development
- Custom software development
- Web application development
- Mobile app 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.

EMAIL
info@itechnosol.com

PHONE AND WHATSAPP
+91 97220 14000

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