



CLIENT PROJECT

AI Audit Notes for Care Home Residents Who Rarely Join In

A UK care home group with several homes

IN SHORT

An AI audit for a UK care home group that drafts notes on residents who rarely take part, from de-identified records, for staff to review.

THE CHALLENGE

Residents who rarely take part in activities are easy to miss. The care team wanted to find them early, act on it, and show how engagement was being tracked. Resident records are sensitive, so the AI could not be allowed to see who anyone is.

WHAT WE BUILT

We built the activities record: interests, attendance, mandatory absence reasons and enrichment entries. On that record we added an AI activities audit that writes notes on residents with low participation and highlights chances to improve engagement. Only redacted, de-identified text goes to the model, and notes are matched back to residents inside the group's platform.

AT A GLANCE

INDUSTRY

Healthcare

SERVICES

AI agent development

Custom software development

Web application development

PLATFORMS

Web

Read the full project: <https://itechnosol.com/our-work/ai-audit-notes-for-low-participation-residents/>

THE RESULT

Absence reasons sit in each resident's profile, so every audit note can be traced to records. The wellbeing coordinator and home manager get notes on low-participation residents to review, and resident identities never reach the AI model.

BUILT WITH

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

KEY FEATURES

- **Low-participation notes**
The AI writes audit notes on residents who rarely join in, with opportunities to improve their engagement.
- **De-identified before AI**
Personal identifiers such as names, NHS numbers and addresses are stripped or swapped for placeholders before the model sees any text.
- **Matched back in-house**
Notes come back keyed to placeholders and are attached to the right resident inside the group's own platform.
- **Evidence first**
Absence reasons are stored in the resident's profile, so every note can be checked against the record.
- **Staff review**
The wellbeing coordinator and home manager read each note and decide what to try.
- **Interest report**
A report lists the residents interested in each activity, to help planning.
- **Suggestions, not actions**
Notes suggest opportunities; staff who know the resident decide what changes in their day.

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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