EDITION

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iTechnoSol Inc.

PROJECT OVERVIEW

# AI behavior chart analysis for care home nurses

Triggers, patterns and the support that works, read from a resident's charts over any date range on web and mobile, each report marked as AI-generated.




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| CLIENT | INDUSTRY | PLATFORMS |
| --- | --- | --- |
| **A UK care home group with several homes** | **Healthcare** | **Web, Mobile** |

## THE REQUIREMENT

Carers record distressed behavior as it happens. Each chart is useful alone, but patterns across weeks of entries are hard to see when reading them one by one.

## WHAT WE BUILT

We scoped and built a behaviors chart with a Generate Summary button. Staff choose a date range and the AI analyzes every entry in it against a fixed set of questions agreed with the care team. The summary opens in the system and downloads as a PDF.

## THE OUTCOME

Nurses get a single view of triggers, recurring themes, effective and ineffective support and time-of-day patterns. Every summary ends with a warning to review the charts before changing the resident's care.

CLIENT PROJECT

# What it does

In short: triggers and patterns from the charts.

### Reads every entry in range

Trigger, behavior, consequences, support offered and whether it worked, for one resident over the chosen period.

### 13 set questions

From common triggers to time-of-day patterns and takeaways for care planning.

### Nurse chart reviews

Each new chart schedules a review for the nurses, who read the summary alongside the entries.

### Mandatory warning

Each summary ends by saying it is AI generated and the charts must be reviewed before the care plan or the resident's care changes.

### Date range and PDF

Staff pick the period, read the summary in a pop-up and download it as a PDF.

### Day-by-day view

Entries show by day with a This Week button, so staff can scroll back through the raw records.

**BUILT WITH**

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

**PLATFORMS**

Web · Mobile

**SERVICES**

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