MedicBot

People. Care. Moving forward.

Meet Proto: a staff-led robot prototype for spoken information and everyday activities.



- Prepared messages
- Clear display
- Expressive face
- Staff controls

Proto - design illustration

PROTOTYPE • STAFF-LED • IN DEVELOPMENT

PEOPLE. CARE. TECHNOLOGY.

A helping hand for everyday introductions

MedicBot brings prepared speech, visual information and an expressive face to staff-led activities. We are exploring what this could add to care-home routines.

See and hear information
Prepared messages on screen and aloud.

Staff stay in control
Start a message, stop the voice or end the session.

A friendly presence
An expressive face alongside the message.



Illustrative concept scene

Explore everyday tasks | Keep staff involved | Shape the next step

THE NEXT STAGES / PROPOSED

More possibilities. People at the centre.

Four directions to explore with care teams.
Developed in stages and subject to vetting.

01 Support daily routines

- Hydration and activity prompts from care plans.
- Family calls and daily schedules.
- Care-note drafts for staff approval.

REDUCE REPETITIVE TASKS



Advance when: a pilot shows useful time savings.

02 Assist medication rounds

- Scan resident ID and medicine packs.
- Check authorised medicine records.
- Staff observe and record outcomes.

STAFF-SUPERVISED



Advance when: identity checks and records are tested.

03 Add connected monitoring

- Connect suitable dispensers or drawer sensors.
- Log access, removal and uncertainty.
- Alert staff when follow-up is needed.

TRACK ACCESS & FOLLOW-UP



Key distinction: removal does not prove swallowing.

04 Develop observed verification

- Video observation for suitable residents.
- Staff review medication-taking.
- Test AI flags for unclear events.

HUMAN REVIEW FIRST



Advance when: privacy and accuracy are validated.

SUSTAINABILITY BY DESIGN

FILAMENTIVE

PLA RECYCLING / FILAMENTIVE

Specialist recycling for eligible PLA 3D-printing waste.
Scheme eligibility and material acceptance rules apply.

Responsible materials. Repairable parts.
A longer-term approach to care technology.

Thoughtful materials
Exploring plant-based PLA and responsibly sourced materials.

Less production waste
Exploring recycling for suitable PLA print waste, supports and offcuts.

Repair the part
Accessible, replaceable components aim to extend useful life.

Upgrade, don't replace
Planning compatible software and hardware updates as needs change.

Smarter energy use
Exploring standby modes, adaptive displays and efficient electronics.

Help shape the next step.

Start a conversation →



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Design ambitions. Environmental benefits still to be measured.