

A close-up photograph of a person's hands gripping the handles of a silver metal walker. The person is wearing a blue long-sleeved shirt. On their left wrist, there is a bright yellow wristband with the words "FALL RISK" printed in black capital letters. The background is a light-colored floor, possibly a hospital hallway. The entire image is overlaid with a semi-transparent blue filter.

Preventing Patient Fall Risks

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Current Reactive Response System



Call Light



Lemlem, RN at Swedish Hospital

The Call Light System is Not Differentiable



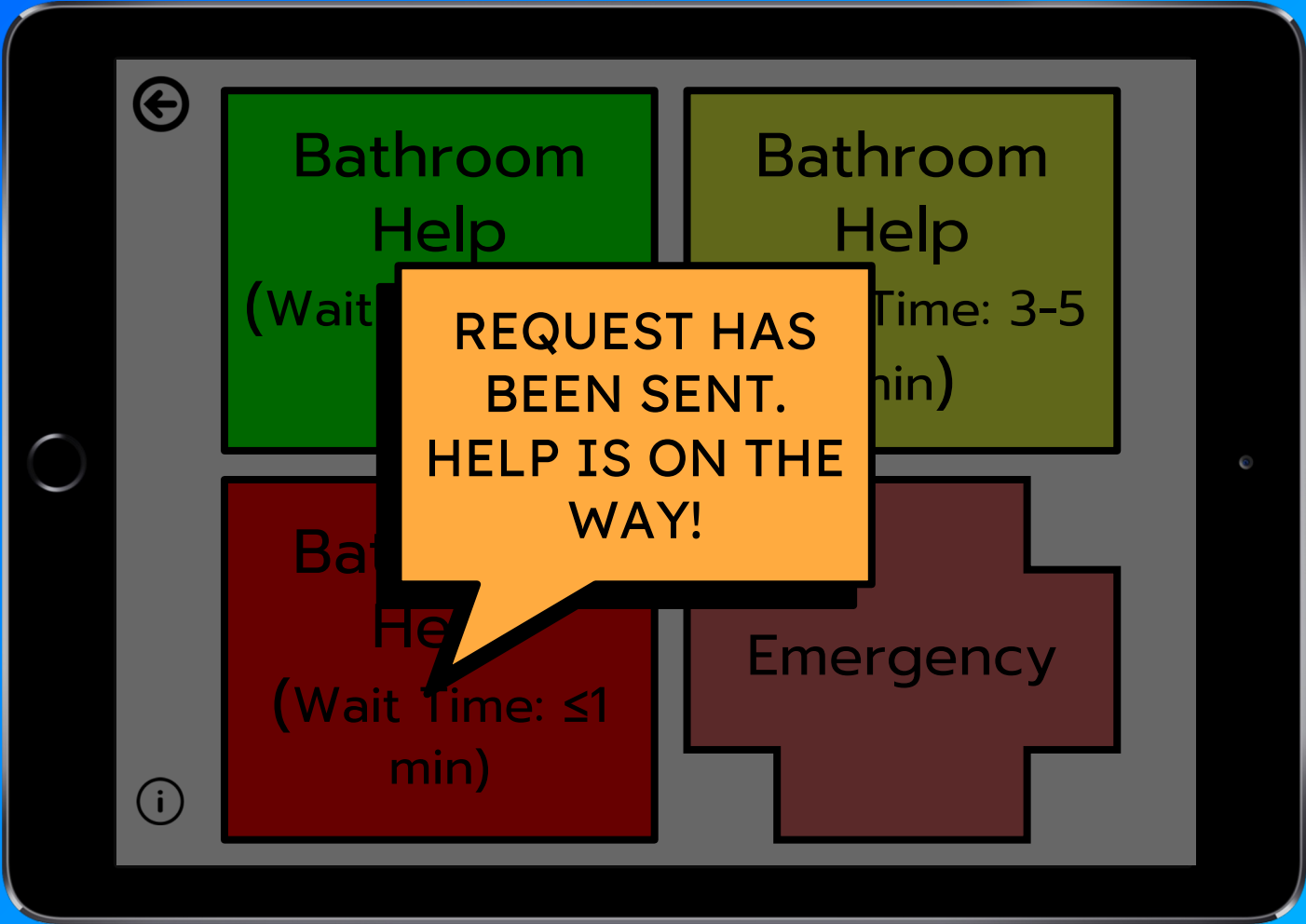
- Not effective in emergency scenarios
 - a. Binary
 - b. Time consuming

How Do We Solve This Problem?

- Prioritizing bathroom requests
- Patient falls are most prevalent for bathroom help



Patient View



Bathroom Help
(Wait Time: 3-5 min)

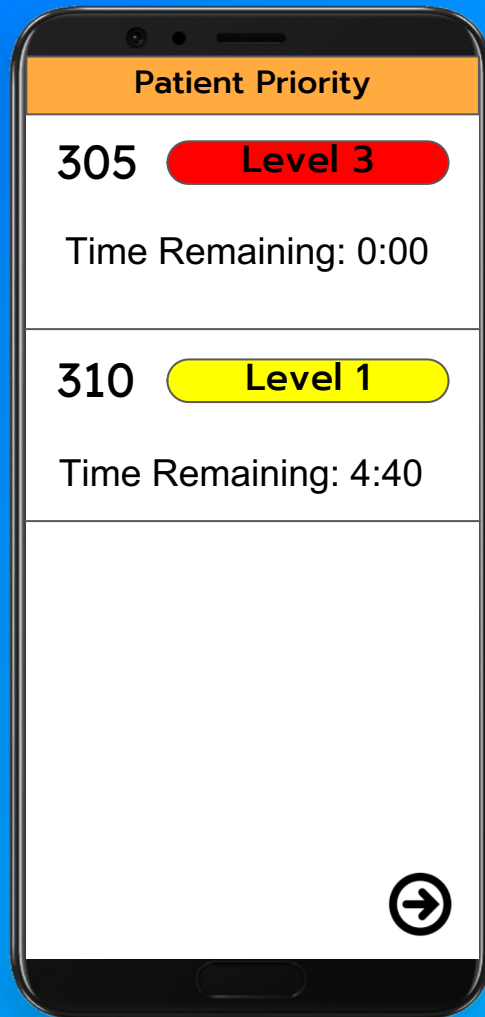
Bathroom Help
(Wait Time: 3-5 min)

Bathroom Help
(Wait Time: ≤1 min)

Emergency

REQUEST HAS BEEN SENT.
HELP IS ON THE WAY!

Provider View



This System is Important for Hospitals



- Patient safety
- Building patient and provider trust
- Ensuring quality care

Future Opportunities: Proactive Fall Mitigation



- Motion Detection Cameras
- Night Vision Cameras
- Wide Angle Cameras
- Artificial Intelligence (AI) Features