

UXMachina

The Human-Robot Collaboration

Hackaton 2025- Telmekom Challenge

COVER
NOI Hackathon

Team & Challenge

Team Name: UXMachina

Members&Roles:

Duhan Deha Tarhan -  UI/UX Design

Zehara Deniz Zas -  Data Analyst

Massimiliano Mola →  Backend Developer

Adriana Guinicelli -  Project Manager

Challenge

Closing the gap in communication between humans and robots

Project

Telmekom Robotics provides smart service and delivery robots that automate cleaning, transport, and logistics tasks in hotels, offices, and industrial spaces across South Tirol.

3

Type of customers

2

Average number of robots installed at the customer's site

3

Languages spoken by customers

- Complete service, from installation to operation
- Local presence, full support, effortless future

Project

The Future Is Easy... But Human–Robot Interaction Isn't Always

-  Robots are new team members — but not everyone speaks their language
-  People trust people — not machines. When a robot makes a mistake confidence drops fast
-  The more robots we add, the more complex the system becomes
-  Managers lack visibility: what robots are doing, how much they save

UXMachina solution

- 👉 UXMachina creates a shared language between humans and robots through a natural, visual, and conversational interface
- 👉 UXMachina builds transparency and trust through real-time feedback
- 👉 UXMachina unifies all robots — into one single, simple dashboard
- 👉 UXMachina translates telemetry into clear business metrics



Why UXMachina?

Why Telmekom should buy our solution?

- UXMachina strengthens Telmekom's core promise — 'The future is easy' — by making robotics truly easy to manage, measure, and scale.
- It transforms Telmekom into a complete service ecosystem, adding value, data insight, and recurring revenue.

Why UXMachina?

Why will their clients choose it?

- Because they don't want to manage robots — they want results.
- UXMachina gives them clarity, confidence, and control



Next Steps: Making Interaction Even Easier

1. Adaptive interface that adjusts automatically depending on the client type (Weeks 1-2)
2. Voice Interaction (Weeks 3-4)
3. Smart Notifications & Alerts (Weeks 4-6)
4. Predictive Insights (Weeks 7-9)

Future Vision

Develop a drag-and-drop dashboard where customers can choose their own KPIs, arrange widgets, and save personalized views.