



Ilmi

Board demonstration use case definition

MAIN OBJECTIVE:

The ILMI Board demonstration has the main objective of presenting to the ILMI Board the potential of the Mirokaï robots within the project. The main focus should be on what the robot will do, what it will add to the experience of visitors (mainly families), and what it can do, rather than explaining the project itself.

ROBOT CAPABILITIES:

The robot needs to:

- Explain / present what it will do in the ILMI project and its benefits
- Explain the Red Sea exhibit and how it can enhance it
- Answer questions about its role in the ILMI project and its benefits
- Answer technical questions about the Red Sea
- Answer questions about the ILMI project, the MISK Found. & Vision 2030
- Answer general questions

Capabilities:

- Autonomous navigation for less than 3 meters in a straight line
- Guided navigation (holding hands)
- Standing without moving
- Enhance speech with hand gestures and verbal cues

SCENARIOS

Demonstration Scenario

- The boardroom door opens.
The robot enters the boardroom “autonomously” (can be simulated), then waves and says: “Hello, I’m Miroka, happy to meet you all.”
- Miroka raises a hand to be taken, and the speaker of the demonstration leads Miroka by the hand to the designated spot in the boardroom.
Upon arrival at the spot, the speaker briefly introduces Miroka and then hands over the speech to the robot.
- Miroka explains her presence, what she can do, what her role in the project will be.
- The speaker briefly adds that Miroka has been taught about the Red Sea exhibit, then gives the floor back to Miroka.
- Miroka briefly explains the exhibit and highlights the added value she brings (e.g., providing more information than what is written, reformulating things visitors might not have understood, etc.).



- Miroka concludes by asking the assembly if they have any questions.
- Q&A session (2–5 minutes).
- Miroka takes the speaker's hand, and together they leave the room while saying goodbye.

Option: Miroka is here to say good-bye to the board after the meeting, in the hallway.

TONE OF VOICE:

- Avoid too long answers,
- Warm, friendly and not too much "Corporate"
- As if when you ask "Chat GPT" explain to me as if "I was a kid of 10 years old"

IMPORTANT POINTS TO CHECK:

- Floor type & demonstration zone: confirm size, surface, and absence of obstacles.
- Internet connection: direct Wi-Fi required with no portal; avoid relying on 5G.
- Information provided to the robot: verify that all content is relevant and accurate.
- Power supply: ensure a power outlet is available near the demonstration site → fully charge the robot before the demonstration.
- Capacity to access the facility the day before (Saturday Oct. 11, 2025) with possibility to contact an IT supervisor.

WHEREABOUTS:

- October 12, 2025 (time tbc)
- Location : MJMF+34 Al Safarat, Riyadh Arabie saoudite
- Attendees :
 - HRH Sara Bint Mashhour Al Saud – BoD Chair and wife of MBS
 - H.E. Dr. Munir Eldesouki – BoD Vice-Chair and CEO of KACTS
 - Dr. Linda Abraham Silver – CEO of Perot Museum of Science in Dallas, USA
 - Dr. Haifa Reda Jamal Allail – President Effat University, in KSA
 - Sir Ian Blatchford – CEO of London Science Group, UK
 - Dr. Badr Albadr – CEO of Misk Foundation

TEAM:

- Ilmi : Roberto (validation)
- Sananga : Gauthier (use case definition & main development + robot integration, test, demo D day), Philippe (project manager & presentation to the board)
- KACST : Jumana (use case co definition), X (prompting co development)



Demonstration place:



The space is quite narrow, and there is some carpet. The glass tables should be removed for the demonstration.

