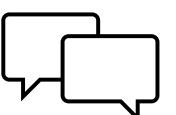


## Human

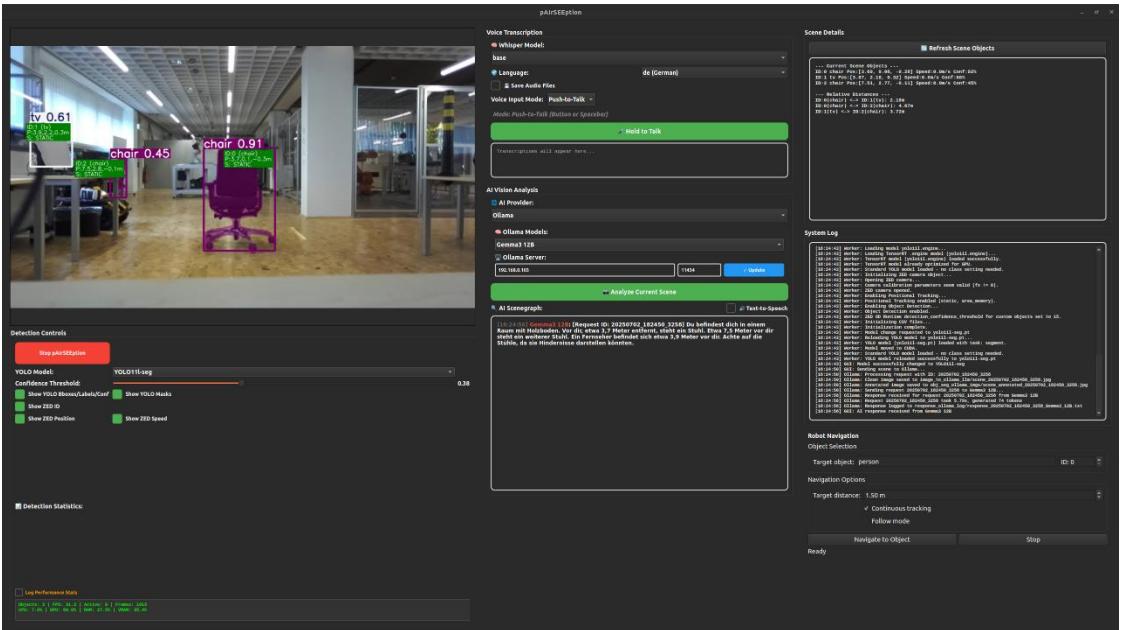
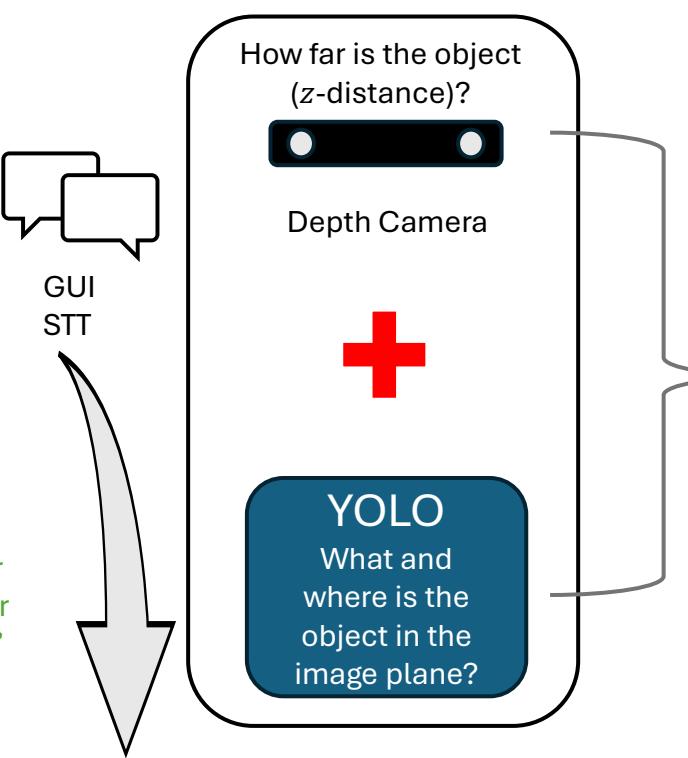


GUI  
STT

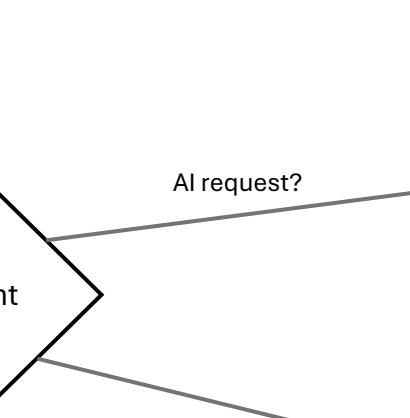
Possible user input:

- a. "Analyze the scene!"
- b. "Drive to object ABC!"
- c. "What is your current motor temperature?"
- d. "Can you explain how to use your system?"

## Object detection and localization



## Intent analyzer



## Hybrid voice assistant (TTS)

LLM/VLM answer



- a. "There is a car in front of you, 5 meters away."
- d. "Sure, you can give me voice commands to analyze the scene for a blind person, for example, or you can tell me a navigation destination in my field of vision that I should drive to, or I can follow any recognized object by YOLO!"

Rule-based answer and action



- b. "I will drive to object ABC.... Destination reached!"
- c. "My left motor temperature is 25 °C and my right motor temperature is 26 °C."

Write and subscribe to ROS2 topics to drive or query status

ROS2

