

# Parts2Sales LLM Hub – Project Progress & Achievements

## Parts2Sales LLM Hub – Project Progress & Achievements

Project goal: Build a modular LLM hub to optimize spare parts sales processes.

Core benefit: Automated processing of customer requests & quote generation.

Current status: MVP implemented, core technical structure in place, initial integration tests completed.

## Project Start & Initial Situation

Initial challenge: High manual effort in interpreting and handling inbound requests.

Objectives:

- Structured processing of unstructured data
- Reusable LLM modules for sales workflows
- Technically scalable solution via containerization

Start date: May 6, 2025

Team: Project lead, LLM engineers, container setup, prompt designers

## Technical Implementation (to date)

System architecture:

- Containerized environment via Docker
- Structured repo: prompts, tests, deployment

LLM setup & modularization:

- Multi-module prompt system
- Automated setup using scripts

Dev tooling:

- PowerShell scripts for structure & reprovisioning

## Key Achievements (based on project files)

- Initial repository scaffold implemented
- Automated prompt module structure established
- Docker deployment tested successfully
- Modular prompt system prepared
- Setup documentation in place
- Developer workflows introduced

### Lessons Learned

- Structured toolchains accelerate LLM setup
- Modular structure supports scalable development
- Automated setup reduces errors & onboarding time

### Conclusion

- Modular LLM hub structurally implemented
- MVP architecture established as baseline
- Prompt development phase already prepared

Konstantin Milonas

Stuttgart, May 28. 2025