Agenda – Project 3-1 – AY 2025–2026

Date of the meeting: 09/09/2025
Group Numbers: 08 **Group Members:**

- Noam Favier
- Daan Vankan
- Alexandros Ntoouz/Dawes
- Anne Katarina Zambare
- Evi Levels
- Paul Elfering
- Vladislav Snytko

Big Picture on Progress

We've initiated team communication, reviewed the general project description, and created the GitHub repository. The rest of the workflow and responsibilities will be discussed in the upcoming meeting.

Individual Task Completion

- **Noam Favier**: Set up the GitHub repository for the project.

Individual Task Planning

- **Noam Favier**: Finalize repo structure, look into possible tech stacks (Python, OpenCV, Whisper, spaCy, etc.).
- **Paul Elfering**: Propose documentation structure, discuss coding practices and team workflow.
- **Vladislav Snytko**: Identify open questions for the tutor, explore prior EDMO robot data and video processing options.
- **Daan Vankan**: To be defined at meeting.
- **Alexandros Ntoouz/Dawes**: To be defined at meeting.
- **Anne Katarina Zambare**: To be defined at meeting.
- **Evi Levels**: To be defined at meeting.

Open Questions / Things to Discuss with Tutor

- What exactly are the deliverables for this project?
- How essential is Dutch fluency, and for what parts of the task?
- Are we expected to transcribe and annotate the video recordings ourselves?

- How do we access and interpret the teacher observations?
- What technologies are acceptable or recommended for video/audio/NLP analysis?
- Are there any examples or previous projects we can refer to?

Tech Stack (Tentative)

- **Languages**: Python
- **Libraries**:
  - `OpenCV` – for video analysis
  - `Whisper` – for speech-to-text
  - `spaCy` – for NLP pattern detection
  - `pandas`, `numpy` – for data wrangling
  - `Matplotlib`, `Plotly` – for visualization
- **Tools**:
  - GitHub
  - Code editor of choice (VS Code, Zed, Neovim)
  - Jupyter for prototyping
  - Discord/WhatsApp for comms
- **Infrastructure**: Local dev environment for now, optional Docker setup later

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