

Day 1 — Log File (M S)

Date: Tuesday

Member: M S

Role: Project Lead & Integrator

1. Tasks Completed Today

- Set up the full project folder structure (src/, docs/, plugins/, etc.)
- Successfully created and initialized Python virtual environment (.venv)
- Verified installation of essential packages (Flask, Streamlit, OpenCV, etc.)
- Created core NLP file: src/nlp_intent.py
- Added initial patterns (open_website, search_youtube)
- Created comments and structured logic in the file
- Wrote both short and long explainers for the NLP module
- Ensured app.py runs and imports intent parser correctly
- Coordinated team setup and guided environment activation
- Helped assign and clarify tasks for S S and A K

2. What I Learned / Understood Today

- How to structure an intent-based NLP system
- How regex patterns are compiled and matched
- Importance of modular rule-based logic
- How the NLP module fits into the larger E.L.I.A.S architecture
- How to organize documentation folders effectively
- Set the foundation for integrating vision, plugins, and UI later

3. Issues / Challenges

- Installation delays due to pip network timeouts
- Ensuring all team members aligned on virtual environment setup
- Structuring explanation files cleanly required careful planning

4. What I Will Do Tomorrow

- Finalize the base app.py routing logic
- Create placeholders for actions/plugins for R A
- Integrate S S's added patterns into nlp_intent.py
- Prepare the skeleton for vision.py for A K
- Help M A document the architecture overview
- Setup basic Streamlit interface for quick testing (optional)

5. End-of-Day Status

Everything required for Day 1 is complete.

NLP module created, tested, documented, and understood.

The entire team now has a foundation to build on.