

★ ELIAS – Day 1 (Tuesday) Official Work Plan

(8 PM – 10 PM Work Session)

Theme of the day: Environment Setup + Understanding Core Components

✂ Team Roles (Finalized)

Member	Role	Responsibility
M S	Project Lead & Integrator	Handles folder structure, repo, integrations, overall flow
S S	NLP & Intent Logic Developer	Builds NLP dictionary patterns and explainable rule-based logic
A K	Vision & Authentication Engineer	Handles OpenCV, webcam, face-recognition modules
R A	Plugin/Actions Developer	Creates small modules: open website, create note, calculator etc.
U M	Documentation & QA	Writes summaries, documents progress, testing notes

📅 Tuesday Tasks (Final Clean Version)

1. M S — Project Lead & Integrator (Status: DONE ✔)

Tasks Completed Today

- ✔ Created project folder structure
- ✔ Activated venv and validated setup
- ✔ Created src/nlp_intent.py
- ✔ Added initial intent patterns and comments
- ✔ Tested loading of app

Expected Output

- Working folder structure in E:\ELIAS
- Functional .venv
- nlp_intent.py created

- Everyone else can now build on the foundation

2. S S — NLP Developer (To Do Today)

Simple Tasks

- ✓ Open nlp_intent.py created by M S
- ✓ Read the explanation and understand the structure
- ✓ Add **one new intent rule** to the dictionary (e.g., youtube search / play music / open calculator)
- ✓ Run python src/app.py and confirm your intent appears

Expected Output

- S S understands how regex-based intents work
- One new intent successfully added and detected
- Prepares for future NLP logic development

3. A K — Vision & Authentication Engineer (To Do Today)

Tasks

- ✓ Activate .venv
- ✓ Check OpenCV installation
- ✓ Create src/vision_test.py
- ✓ Run webcam test using python vision_test.py
- ✓ If camera works → DONE

Expected Output

- Webcam accessible through OpenCV
- System ready for face detection this weekend

4. R A — Plugin / Action Module Developer (Very Light Work Today)

Tasks

- ✓ Review folder structure
- ✓ Understand how modules will connect to NLP
- ✓ No coding required today
- ✓ Keep notes for weekend plugin-building

Expected Output

- Familiarity with actions folder
- Ready to build modular automation functions (Friday/Saturday)

5. U M— Documentation & QA (Very Light Work Today)

Tasks

- ✓ Document today's work in simple bullet points
- ✓ Save as Documentation/Day1_Log.txt
- ✓ Note any issues team members faced
- ✓ Outline tomorrow's work items (basic)

Expected Output

- Organized Day 1 progress log
- Clean and trackable project documentation

Tuesday End-of-Day Expected State (For Entire Team)

By 10 PM tonight, the team should have:

- ✓ **Project folder structure ready**
- ✓ **Virtual environment working for all members**
- ✓ **OpenCV tested and working (A K)**
- ✓ **NLP intent system created (M S)**
- ✓ **At least one new intent added (S S)**
- ✓ **Documentation prepared (U M)**
- ✓ **Plugins workflow understood (R A)**

This ensures that **Wednesday and Friday** can be real development days without setup delays.