

ELIAS – Day 2 (Wednesday) Official Work Plan

(8 PM – 10 PM Work Session)

Theme of the day: Light Coding + Module Preparation for Weekend Development

Team Roles (Same as Before — Reference Only)

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.
M A	Documentation & QA	Writes summaries, documents progress, testing notes

Wednesday Tasks (Final Clean Version)

1. M S — Project Lead & Integrator

Tasks for Today

- ✓ Create a simple base app.py skeleton that:
 - Imports parse_intent
 - Reads user input
 - Prints detected intent
 - Routes to placeholder plugin functions (no real logic yet)

- ✓ Create initial plugin files (empty placeholders):

plugins/

open_website.py

youtube_search.py

create_note.py

- ✓ Coordinate with S S & A K on how their modules plug into app.py

Expected Output

- app.py file exists and runs
- Placeholder routing structure ready
- Plugin folder structure established
- Core system architecture now connected enough for weekend coding

2. S S — NLP Developer

Tasks for Today

- ✓ Add **two new intent patterns**, such as:

- google_search
- open_app
- play_music

(or any extensions of your choice)

- ✓ Improve one existing regex slightly
(e.g., allow “search YouTube” OR “search yt”)

- ✓ Confirm new intents appear in the output of:

python src/app.py

Expected Output

- NLP engine now handles more user commands
- Regex patterns improved for better matching
- Ready to connect to real plugins on Friday

3. A K — Vision & Authentication Engineer

Tasks for Today

- ✓ Create a new file:

src/vision.py

- ✓ Add placeholder logic:
 - Set up a dummy `detect_face()` function
 - Return mock result (e.g., { "face_detected": True })
- ✓ Test that `vision.py` imports cleanly into `app.py`

Expected Output

- Vision module file exists
- Placeholder detection function available
- Weekend face-recognition implementation now has a base to plug into

4. R A — Plugin / Action Module Developer

Tasks for Today

- ✓ Review placeholder plugin files created by M S
- ✓ Create one simple starter plugin:

`plugins/open_website.py`

with extremely basic test logic, e.g.:

```
def run(url):  
    return f"Opening: {url}"
```

- ✓ No real system actions yet — this is just a placeholder

Expected Output

- First plugin created
- Plugin structure understood
- Ready for real automation coding this weekend

5. M A — Documentation & QA

Tasks for Today

- ✓ Organize all Day 1 explainers and logs into the correct folders:
 - `docs/explainers/`
 - `docs/documentation/`

docs/logs/

- ✓ Create a documentation index file:

docs/README.md

- ✓ Write Day 2 progress log once team completes tasks

Expected Output

- Documentation structure clean and searchable
- Index file ready for future additions
- Tracks the project's daily progress professionally

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

By 10 PM tonight, the team should have:

- ✓ Basic app.py created (M S)
- ✓ Two new intents added & tested (S S)
- ✓ Vision module placeholder created (A K)
- ✓ First plugin created (R A)
- ✓ Documentation structure organized (M A)
- ✓ System now ready for weekend heavy coding

This ensures Friday–Sunday can be used for actual implementation of:

- Real face detection
- Plugin actions
- UI/Streamlit interface
- Combined workflow testing
- Voice input (optional)