

★ ELIAS – Day 8 (Tuesday) Official Work Plan

(8 PM – 10 PM Work Session)

Theme of the day: Week 2 Kickoff → Start Real Feature Expansion

✖ Team Roles (Same as Always — Reference Only)

Member	Role	Responsibility
M S	Project Lead & Integrator	System integration, code review, architecture
S S	NLP Developer	Expand NLP patterns & logic
A K	Vision Engineer	Build real face detection module
R A	Plugin Developer	Create new action modules
M A	Documentation & QA	Testing + documentation updates

Tuesday Tasks (Day 8 — Final Clean Version)

1. M S — Project Lead & Integrator

Tasks for Tonight

- ✓ Integrate the first new Week-2 plugin placeholders
- ✓ Add comments + cleanup to app.py dispatch logic
- ✓ Add consistent error messages for unsupported intents
- ✓ Prepare the **“Architecture Overview – Week 2 Update”** document covering:
 - new intents
 - new plugins
 - updated routing
 - division of responsibilities
- ✓ Verify that Day 7 writing plans from all team members are aligned

Expected Output

- Updated dispatch table in app.py
- Clean, well-commented main flow

- Architecture Overview Document ready
- System ready for new modules on Wednesday

2. S S — NLP Developer

Tasks for Tonight

✓ Implement **ONE** of the new intents fully:

✓ play_music OR

✓ open_app

✓ Add optimized regex + keyword tags

✓ Add 2–3 example test inputs

✓ Update NLP documentation with:

- intent definition
- regex used
- example outputs
- edge case handling

Expected Output

- 1 fully working new intent
- NLP file updated + tested
- Documentation ready

3. A K — Vision & Authentication Engineer

Tasks for Tonight

✓ Create actual **OpenCV face detection** code in vision.py:

- load Haarcascade
- start webcam
- detect face in frame
- return True/False

✓ Ensure it runs independently

✓ Prepare vision_test_results.md with screenshots (optional)

Expected Output

- Working face detection function
- Importable and testable module
- Simple documentation

4. R A — Plugin / Action Developer

Tasks for Tonight

✓ Build **one major plugin** from Week 2 plan:

Choose ONE of:

- ✓ weather
- ✓ calculator
- ✓ system_actions (shutdown, restart, etc.)
- ✓ play_music (if S S implements intent)

✓ Write clean, optimized structure:

- minimal imports
- O(1) operations where possible
- safe I/O handling

✓ Add return dict in standard format:

```
{"ok": True/False, "message": "..."} 
```

Expected Output

- One new plugin file created
- Tested independently
- Integrated into dispatch plan (M S will finalize)

5. M A — Documentation & QA

Tasks for Tonight

- ✓ Update documentation for Day 8
- ✓ Add a **Testing Table** in /docs/testing/:

Command	Expected Result	Actual Result	Pass/Fail
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- ✓ Verify new NLP & plugin behaviour
- ✓ Create a **Bug Report File** for Week 2

Expected Output

- Updated docs folder
- Testing table ready
- Bug report system set up

Day 8 End-of-Day Expected State

By 10 PM, the expected team deliverables:

- ✓ “Architecture Overview – Week 2 Update” created (M S)
- ✓ 1 new NLP intent working (S S)
- ✓ Face detection prototype completed (A K)
- ✓ 1 new plugin completed (R A)
- ✓ Testing + documentation updated (M A)
- ✓ ELIAS officially enters Week 2 development