

ELIAS – Day 9 (Wednesday) Official Work Plan

(8 PM – 10 PM Work Session)

Theme of the day: Mid-Week Development Push → Getting New Features Working Smoothly

Team Roles (Reference Only)

Member	Role	Responsibility
M S	Project Lead & Integrator	System flow, integration, architecture control
S S	NLP Developer	NLP patterns, entity extraction, regex improvements
A K	Vision Engineer	Face detection & authentication module
R A	Plugin Developer	New plugins + improving existing ones
M A	Documentation & QA	Testing, documentation, bug tracking

Wednesday Tasks (Day 9 — Final Clean Version)

1. M S — Project Lead & Integrator

Tasks for Tonight

- ✓ Integrate the **new NLP intent** and **new plugin** added on Day 8
- ✓ Clean and reorganize /plugins/ folder:
 - consistent naming
 - consistent return values
 - check no duplicate imports
- ✓ Add **error-safe fallback messages** for unsupported actions
- ✓ Fix any detected bugs from M A's "Bug Report File"
- ✓ Create "**Integration Checklist — Week 2**" for team

Expected Output

- Updated app.py with clean integration

- Plugins registered & tested
- Integration checklist added to /docs/integration/
- Smooth running of all existing features

2. S S — NLP Developer

Tasks for Tonight

- ✓ Add 1 more new intent, ex:
 - weather_query
 - system_control
 - play_video
- ✓ Add keyword optimization (speed improvement)
- ✓ Add entity normalization (lowercase, strip, etc.)
- ✓ Write a **mini test file** inside /tests/nlp/ with 10 sample inputs & outputs

Expected Output

- Second new intent working
- NLP optimized more
- Test inputs documented

3. A K — Vision & Authentication Engineer

Tasks for Tonight

- ✓ Add **face detection stability improvements:**
 - handle no-camera error
 - handle permissions
 - add fallback message

- ✓ Create a new function:

```
authenticate_user(timeout=3)
```

That returns True if face detected within X seconds

- ✓ Prepare small test video or screenshot (optional)

Expected Output

- Stable vision module
- New authenticate_user() ready
- Importable into app

4. R A — Plugin / Action Developer

Tasks for Tonight

- ✓ Improve yesterday's plugin (refactor + optimize)
- ✓ Create **one small utility plugin**, such as:
 - tell_time
 - tell_date
 - generate_password
- ✓ Add examples in /docs/plugins/usage_examples.md

Expected Output

- 1 fully stable plugin
- 1 new utility plugin
- Usage documentation ready

5. M A — Documentation & QA

Tasks for Tonight

- ✓ Run through *all new features* developed on Monday–Wednesday
- ✓ Update Testing Table
- ✓ Add **three new bug reports** (real or placeholder)
- ✓ Create a “**Changelog — Week 2**” file
- ✓ Organize /docs/week2/ folder

Expected Output

- Week 2 documentation updated
- New testing results recorded
- Changelog ready

 **Day 9 End-of-Day Expected State**

By 10 PM, the expected deliverables:

- ✓ All new intents + plugins integrated cleanly
- ✓ Vision module upgraded with authentication function
- ✓ NLP expanded + tested
- ✓ Plugin system expanded and stable
- ✓ Documentation consolidated
- ✓ ELIAS enters Thursday (Day 10) with a **fully working mid-week system**