Level 2: Wireframe + Proof of Concept

This package includes **everything in Level 1**, plus the required Level 2 artifacts.

1) Level 1 Included

- Concept document (2-4 pages): /docs/Case_Study_3_Submission_Draft.md

2) Clickable Wireframe / UI Mockup

- Figma wireframe: Proof of Talk Pitch Board v5

3) Working Proof of Concept (Core Component)

Core component implemented: **match recommendation engine with explanations**.

What works

- Takes attendee profile data.
- Applies hard constraints and soft scoring.
- Returns quality-gated recommendations (score > 65, target 3-7).
- Provides plain-English reasons per match.

Live app and endpoint

- Live app: https://ai-matchmaking-pot.vercel.app
- Core API: GET /v1/matches/{attendee_id}

4) Sample Input / Output (10-15 Fictional Profiles)

- Sample input (12 attendees): /docs/level2/sample_input_12_attendees.json
- Sample output (matches): /docs/level2/sample_output_matches.json
- Sample output (scenarios): /docs/level2/sample_output_scenarios.json

5) Quick Run (Local)

```
python3.12 -m venv .venv
source .venv/bin/activate
python -m pip install --upgrade pip
python -m pip install -r requirements.txt
python scripts/seed_data.py
python scripts/generate_level2_artifacts.py
python -m uvicorn app.main:app --reload
```

Open:

- App: http://127.0.0.1:8000
- Organizer: http://127.0.0.1:8000/organizer
- Match API example: http://127.0.0.1:8000/v1/matches/1