

Bridge Hand Generator — Project Bookmark

Project: Bridge Hand Generator

Phase: Phase 2 completed + soak testing in progress

Owner: Lee

Current status: Stable, tests green, actively using app to surface runtime issues

WHAT IS DONE

Phase 2 core

- Random Suit constraints fully implemented and validated
- Weighted sub-profiles per seat
- Rotation metadata (rotate_deals_by_default)
- Seat / sub-profile exclusion constraints:
 - data model
 - validation
 - generator enforcement
 - profile viewer display
 - wizard UI (add/edit/remove)
- All tests green after implementation

Schema & safety

- schema_version added to profiles (current = 1)
- One-time bulk conversion of existing profile JSONs completed
- Tiny legacy normalization shim in validate_profile
- No full backward-compat framework; conversion-first with safety net

UX / cleanup

- Prompt duplication cleanup
- Random-suit display cleanup
- Terminal formatting niceties
- Profile viewer improvements
- Profile wizard refactored to use shared prompt helpers

CURRENT ACTIVITY

Using the app extensively (soak testing) to identify:

- runtime crashes
- wizard UX issues
- generator hangs or performance issues
- edge-case validation problems

NEXT PLANNED WORK (not started)

- F3: Opener → responder sub-profile coupling

Optional:

- C1: Input-helper consolidation
- C4: Inline weight summaries

WORKING RULES

- Prefer small changes with line numbers
- Larger changes via zip of changed files only
- Always include pytest -q
- Do not refactor unrelated code or break test hooks

KEY TECHNICAL ANCHORS

- validate_profile: bridge_engine/hand_profile.py
- Generator: bridge_engine/deal_generator.py
- Wizard: bridge_engine/profile_wizard.py
- Viewer: bridge_engine/profile_cli.py

HOW TO RESUME

“I have a Bridge Hand Generator project. Phase 2 is complete, schema versioning is done, and I’m soak-testing the app.”