

## Challenger settings

Challenge intensity ?

- ☐ mild
- ☒ spicy

## Agent Selector

**Tip:** You can also explicitly type an agent tag in your message, e.g.,

`@novelty_radar` or `@bug_logger`.

Preferred Agent (optional)

Auto (Smart Intent Detection) ▼

## Upload Document

Requirements / Logs / Specification (txt / pdf)

Drag and drop file here

Limit 200MB per file • TXT, PDF

# Defying Gravity in Testing



@AssumptionBuster I'm keeping both panels visible, switching users (admin and normal user) around and do cancel then flip filters and sort to see if reservation state leaks. What invariants should I check to confirm whether any stale state is persisting and how can I avoid false alarms?



- Logic and assumption elicitation:
  - The approach assumes both UI panels share a single in-memory model.
  - It assumes cancel, filter flips, and sort reapplication will expose stale reservation state per FR-17.
- Adversarial critique — assumption weaknesses:
  - Assumes immediate synchronous propagation; asynchronous updates or debounced renders could hide inconsistencies.
  - FR-8 requires remaining slots update; UI caching could temporarily contradict that requirement.
- Persona-based debating:
  - From an admin persona: does reordering rebinding preserve reservation identity, or create stale indices?
- Reflective challenge:

- Which exact invariants are considered authoritative: counts, badges, or underlying reservation arrays?
- Please justify whether filter or sort changes must update visible reservation state.

Type here... (e.g., '@Brainstormer Find unseen exploration paths in the uploaded  
CPCV

