

## 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) [▼](#)

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Requirements / Logs / Specification (txt / pdf)

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Requirements Specifica... [X](#)

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# 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 cancelling under one active user immediately updates both visible panels.
  - It further assumes reservations are tied to the active User ID and UI honors FR-4, FR-8, FR-17, FR-19.
- Adversarial critique — assumption weaknesses:
  - Component-local state, memoization, or virtual DOM diffing may leave stale UI despite model updates.
  - Admin actions, reordering, or capacity overrides could mutate shared structures, breaking user isolation.
- Persona-based challenge:
  - As an attacker, could rapid user switches exploit race conditions to view other users' reservations?
- Reflective challenge:
  - Which explicit invariants will convincingly prove absence of stale cross-panel state?
  - How will expected rendering timing differences be distinguished from genuine data leaks?

Type here... (e.g., '@Brainstormer Find unseen  
and then double click the selected Gantt

