

## Front-End Take-Home Test: Hotel Booking UI

### Brief

Build a small hotel booking interface that allows users to create bookings and view them. This is a front-end-only task focused on **visual polish, component quality, and state management**.

The problem space is intentionally familiar. As a senior engineer, you are expected to decide what data is required and how it should be presented.

### Technical Constraints (Non-Negotiable)

- **Next.js**
- **React**
- **Zustand**
- **Tailwind CSS**

No backend is required. All data may live in client state.

### Functional Expectations

- Users can create hotel bookings via a form
- Multiple bookings may exist for the same dates
- A list or dashboard view displays created bookings
- Selecting a booking reveals a detailed view of that booking

How you structure pages, routes, components, and state is up to you.

### Design & UX Expectations

This exercise explicitly evaluates **visual and UX judgment**.

The UI should:

- Feel intentional and production-ready
- Have clear hierarchy, spacing, and typography
- Make interaction states obvious (hover, focus, active, disabled)
- Scale visually as more bookings are added

You are free to decide layout, presentation style, and interaction patterns.

### State Management

- Use **Zustand** for shared state
- State shape should be clean, extensible, and sensible
- Avoid unnecessary prop drilling

### Constraints

- **Time box:** ~3 hours
- **Submission deadline:** Within **2 days** of receiving the test
- You may use Google or AI tools, but you must fully understand the code you submit

A follow-up session will include a **code review and small live changes**.

### Submission

- GitHub repository link
- README.md with:
  - Setup instructions
  - Any assumptions or trade-offs
  - Rough time spent

### Evaluation Focus

- Visual polish and UI decision-making
- Component structure and React patterns
- Zustand usage and state design
- Code clarity and explainability
- Ability to adapt and extend during review