Exercise: Hotel Booking Flow with User Login

This is a test exercise that allows us to access your technical skills in both:

1. Good understanding of the requirements and being able to execute according to requirements properly
2. Front-end coding best practices
3. CSS skillset
4. Business logic handling
5. Aesthetics – able to execute according to design provided (does not need to be exact but needs to have eye for detail

Note:

This exercise test candidate's ability to work with vanilla code instead of framework dependent to proof they are not bound/specialized to a specific framework. However, candidates will be permitted to use a reactive framework alongside a bundler.

Develop a simple hotel booking site that does hotel room booking. User will be able to:

1. Create an account and login to their dashboard to check for past and upcoming bookings
2. Make an online room booking
3. Cancel a booking from their dashboard. (only handle login users)

Project Requirements

Please ensure that the exercise matches these base requirements:

Note: Login/Register/Dashboard to be accessible via masthead.

1. Provide
   a. Github/Bitbucket (make it public for reviews)
   b. Demo site (any free hosting)
2. Stack
   a. No CSS framework (show us your skill in CSS)
   b. You are permitted to use animation libraries
   c. JS framework allowed
   d. Vite/Webpack/etc
   e. Backend (anything you are comfortable)
3. Sitemap
   a. Room Search (start)
   b. Rooms
   c. Contact Information
   d. Confirmation
   e. Login/Register

f. Dashboard (Past and upcoming bookings)

Sample Design

Room Search Page

BOOK A ROOM

👥 2 ⌄	TUE, 3 JUN 2025 ⌄

SEARCH FOR ROOMS

Select Room Page

1 SEARCH	2 SELECT ROOM	3 CONTACT INFORMATION	4 CONFIRMATION

JUN 17, 2025 → JUN 18, 2025   1 NIGHT | 1 GUEST

SORT BY: LOWEST PRICE ⌄

ROOM 1 TITLE
LOREM IPSUM DOLOR SIT AMET
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nullam ac ex a risus dapibus pharetra facilisis ac felis.

S$1,080/night
Subject to GST and charges

BOOK ROOM

ROOM 2 TITLE
LOREM IPSUM DOLOR SIT AMET
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nullam ac ex a risus dapibus pharetra facilisis ac felis.

S$1,280/night
Subject to GST and charges

BOOK ROOM

Contact Information Page

① SEARCH ② SELECT ROOM ③ CONTACT DETAILS ④ CONFIRMATION

CONTACT INFORMATION

Title   Mr. ⌄

Name   Adam

Email Address   bazytepu@teleg.eu

PROCEED

JUN 17, 2025 → JUN 18, 2025
1 NIGHT

ROOM: 1 GUEST

340 × 210

ROOM 1 TITLE

Room   S$1,080.00

Tax & Service Charges (9%)   S$97.20

TOTAL   S$1,177.20

Confirmation Page

YOUR BOOKING HAS BEEN CONFIRMED

We have sent your booking confirmation to the email address that you have provided.
Check-in/Check-out: **JUN 17, 2025 → JUN 18, 2025**
Booking Confirmation Number: **RES123456789**
Total Price for 1 Night: **S$1,177.20**

340 × 210

ROOM: ROOM 1 TITLE
1 Guest

PACKAGE:

Room   S$1,080.00

Tax & Service Charges (9%)   S$97.20

Total Price
                                        S$1,177.20

GUEST DETAILS

Name: Mr. Keegan Middleton
Email Address: bazytepu@teleg.eu