

Frontend Assignment

ISSUED BY:

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Instructions

- You have to use a javascript framework like ReactJS or AngularJS.
- Using any component or UI library is strictly prohibited. You have to write every style and functionality of your own. Using CSS-in-JS libraries like styled-component or emotion is allowed.
- The website should be responsive (on mobile, tablet, and desktop).
- Elements should be interactive (on hover and click).

Extra points for

- Bug-free code.
- Coding standards like indentation, comments, and naming conventions.
- Optimized and Scalable code.

Design

<https://www.figma.com/file/x9h2AGniwc3xnZupBB6WWb/Gocomet-FE-Assignment?type=design&node-id=103-272&mode=design&t=O1ZULe8KXXKUUZrZ-0>

Assets

Logo:

<https://raw.githubusercontent.com/gocomet-india/frontend-hotel-assignment/286ebfc6c07d6a38969da05b673b21be6e89eab3/book-my-hotel-logo.svg>

Hero section background image:

<https://raw.githubusercontent.com/gocomet-india/frontend-hotel-assignment/main/hero-bg.jpg>

Icons:

You can use from anywhere (from fontawesome, react-icons, etc). Slight visual difference doesn't matter.

API Endpoints

Search Hotels

- Method: GET
- Endpoint: <https://www.gocomet.com/api/assignment/hotels-name>
- When to use: To get the list of all hotel names with the city to show the search results in the hero section.

Hotels List

- Method: GET
- Endpoint: <https://www.gocomet.com/api/assignment/hotels>
- Query Params:
 - page: number (required)
 - size: number (required)
- When to use: To get the list of hotels for the 'Explore' section with the page number and the number of hotels per page.

Hotel Details

- Method: GET
- Endpoint: <https://www.gocomet.com/api/assignment/hotels/{hotel-id}>
(replace *{hotel-id}* with the id of the hotel)
- When to use: To get full details of a hotel and its rooms.

Features and Functionalities

Home page

Hero Section

1. Search algorithms should be handled from frontend.
2. To get the name and city of all hotels, call the 'Search Hotel' API mentioned above.
3. Users can search for a hotel name or a city. You have to show all hotel options related to that. Users can select any hotel.
4. After selecting a hotel, users will select Check-in and Check-out date and number of persons.
5. All 3 fields should be mandatory to fill.
6. The Search button will redirect the user to the second page i.e. Hotel page.

Explore Hotels Section

1. Use the 'Hotels List' API to get the hotel list with required data.
2. Calculate and show min and max price of the hotels by the help of their rooms' prices.
3. View button will redirect to the 'Hotel page'.

Filters and Sort

1. Filters and Sorting logic should be completely on frontend.
2. You can also call the 'Hotels List' API with page=1 and size=30 to get the list of all hotels and filter accordingly.

Hotel Page

1. Use 'Hotel Details' API to get data.
2. Feel free to be creative with 'View facilities' button to show the amenities.
3. 'Book Now' button will open the booking modal.

Booking Modal

1. If the user visits the hotel page from the Search button then prefill the Check-in and Check-out date and Number of persons.
2. If the user visits the hotel page from the Explore section then show the option to select Check-in and Check-out date. The number of people will be initially 1, but the user can add more person by clicking "ADD PERSON" button.
3. You can add form validations and error messages to make UX better.
4. By clicking on "Book" button, a UI success feedback will appear (like a toaster, popup message, or anything), and the modal will close.

Deliverables

1. The hosted link
2. Source code, either in zip format or a GitHub link
3. An explanatory video (optional)