



FRO N T E N D CHALLENGE

Duration: 4 days

Challenge Overview

Develop a website using React. The website will replicate a property rental platform with essential features, including property listings and booking management. This challenge combines coding, UI design, logical thinking, user interaction, and critical problem-solving.

Challenge Details

1. Property Listings:
 - Display a variety of properties with images, titles, descriptions, prices, and "Book Now" buttons.
 - Implement filters to allow users to sort properties by location, price range, number of bedrooms, or amenities.
2. Booking Management:
 - Implement a booking management system to allow users to book properties.
 - Display a cart section to manage booked properties, showing property details, booking dates, and total cost.
 - Allow users to increase, decrease, or remove booked properties from the cart.
 - Display real-time updates of the cart total and booking count.
3. Checkout Process:

- Implement a checkout process that calculates the total cost of booked properties.
 - Allow users to enter booking details, including contact information and payment details.
4. Responsive Design:
- Ensure the website is responsive and works seamlessly on both desktop and mobile devices.
 - Optimize the layout for different screen sizes to provide an optimal viewing experience.

Submission Details

- Create a GitHub repository with the name 'totality-frontend-challenge' and upload your code there.
- In the README file, elaborate on your approach, tech stack details, and any additional notes.
- Deploy your application on a hosting platform such as Netlify, Vercel, or any similar platform.
- Share the link to your deployed application along with the GitHub repository when submitting the challenge.

Additional Challenges (Optional)

- User Authentication:
 - Provide user registration and login functionalities.
 - Display the user's name and avatar when logged in.
- Implement additional features such as property reviews or favorites list

Evaluation Criteria

- Coding Skills: Assess the candidate's ability to write clean and structured code, implementing features such as property listings, user authentication, and booking management.
- Problem-Solving: Evaluate how well the candidate addresses challenges related to cart updates, authentication, and user data handling.
- User Experience Design: Consider the user-friendliness, visual appeal, and responsiveness of the property rental platform.

Points to Remember

- Use of Next JS is a plus
- Candidates may use any third-party UI libraries for designing components
- Use of TypeScript is a plus.