

## Front-End (React) Coding Challenge

(Duration 3 hours)

Create a React Application that manages a products information. Implement the following requirements in React Application:

1. Provide the following navigations from the home page:
  - a. Home
  - b. Products
  - c. About Us
  - d. Contact Us
  - e. Login
2. Home Page: It should provide navigation links, Banner, Footer, Some Information about the website.
3. Products Page:
  - a. Each product should have the following attributes:
    - Product Id, Product Name, Description, Unit Price, Quantity, Category
  - b. Display all products details, Add a product, (Delete – Optional)
  - c. Try to display products details in cards format
  - d. Data should exchange between Express API and React App
  - e. It is protected page, user can access this page only after login with proper credentials.
4. Login Page:
  - a. Verify the credentials in client application and use some static value as token
  - b. No need to communicate with server
5. About and Contact Page:
  - a. Provide the required information in these pages and add some images suitable to this requirement.

Points to be considered while implement the above Requirements:

- Use Express JS for back-end REST API.
- Should implement service in Front-end Application to communicate with server
- Optionally: Apply styles where ever it is required
- Should follow the proper coding standards in components, service development
- Should implement not found route also

**User Id:**

nitish

**Password:**

.....

**Login**







# Product Management Dashboard

[View All Products](#)

[Create New Product](#)



# Create New Product

**Product Name:**

**Unit Price:**

**Quantity:**

**Category:**

☐

**Is Discount  
Applied**

**Create Product**

# All Products

## Kurta

Product ID: 2

Description: men clothing

Unit Price: \$40.00

Quantity: 80

## Masala Chai

Product ID: 3

Description: Indian spiced tea

Unit Price: \$3.50

Quantity: 200

## Laptop

Product ID: 4

Description: High-performance  
laptop with SSD storage

Unit Price: \$999.99

Quantity: 50

## lappy

Product ID: 6

Description: N/A

Unit Price: \$2000.00

Quantity: 20

## lappy

Product ID: 7

Description: N/A

Unit Price: \$2000.00

Quantity: 20

## lappy

Product ID: 8

Description: N/A

Unit Price: \$2000.00

Quantity: 20

## santoor soap

Product ID: 9

Description: N/A

Unit Price: \$20.00

Quantity: 20

## parle G

Product ID: 10

Description: N/A

Unit Price: \$40.00

Quantity: 20

## marie gold

Product ID: 11

## lux

Product ID: 12

## asus tuf

Product ID: 13

## lappy

Product ID: 14

# Contact Page

Thank you for your interest in reaching out to us. Your feedback and inquiries are important to us, and we are committed to providing you with the assistance you need. Please feel free to contact us using the information provided below:

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# About

Our product management company dedicated to helping businesses thrive in the digital age. With a focus on innovation, collaboration, and excellence, we specialize in delivering tailored solutions that drive growth, efficiency, and success.

We envision a future where every business has access to innovative and reliable software solutions that propel them towards their goals. Through our expertise and passion for technology, we strive to be the catalyst for positive change and digital transformation.

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