

# Assignment

## **Product Page Layout Design using React**

The objective of this assignment is to practice creating a product page layout using React, React-Bootstrap, and Font Awesome icons. You will utilize React components to display product cards fetched from a hard-coded array of product objects. React-Bootstrap will be employed to arrange the cards in a grid layout, and Font Awesome icons will enhance the visual representation. Array map method will be used to create cards with different prop values.

### **Tasks:**

#### **1. Setup:**

- Set up a React project using Create React App or any other method of your preference.
- Install React-Bootstrap and Font Awesome for React.

#### **2. Data Preparation:**

- Create an array of objects, each representing a product. Include properties such as name, price, description, and image URL.
- Hard code this array within your React component.

#### **3. Component Creation:**

- Create a `ProductCard` component to display individual product cards.
- Each card should contain product information such as name, price, description, and an image for more details.
- Create a `ProductContainer` component to render multiple `ProductCard` components.
- Utilize the `map` method to dynamically render product cards based on the hard-coded array of objects for each product card use a product object from array as pass as props to the component.
- Use React-Bootstrap's grid system to arrange the cards in a responsive grid layout.

#### **4. Styling:**

- Apply CSS or utilize React-Bootstrap's styling classes to style the product cards and the grid layout.

- Ensure the layout is visually appealing and responsive across different screen sizes.

You are provided the following layout to follow.

Shipping Charges Rs.99 only will be applied. Nationwide

Helpline Number: 042-32500622


Servis

Search Person Cart 0

SALE APPAREL NEW ARRIVALS 24 ATHLEISURE CHEETAN MEN WOMEN KIDS ACCESSORIES FRANCHISE PROGRAM

Facebook Instagram

Filter ProductsContainer 102 products Sort by: Featured




24%

ONLINE EXCLUSIVE DISCOUNT

Rs.2,799.00 **Rs.2,127.00**

M-KL-0200042-Men Fashionable Formal




24%

ONLINE EXCLUSIVE DISCOUNT

Rs.5,499.00 **Rs.4,179.00**

M-DC-0200013-Men Leather Shoes




24%

ONLINE EXCLUSIVE DISCOUNT

Rs.5,499.00 **Rs.4,179.00**

M-MV-0200430-Men Leather Formal




24%

ONLINE EXCLUSIVE DISCOUNT

Rs.2,499.00 **Rs.1,899.00**

M-SR-0200025- Formal Shoes

ProductCard Component




24%

ONLINE EXCLUSIVE DISCOUNT

Rs.3,999.00 **Rs.3,039.00**

M-MV-0200513- Formal Shoes




20%

ONLINE EXCLUSIVE DISCOUNT

Rs.3,499.00 **Rs.2,799.00**

M-MV-0200500- Formal Shoes




24%

ONLINE EXCLUSIVE DISCOUNT

Rs.7,499.00 **Rs.5,699.00**

M-LF-0200384- Formal Shoes




24%

ONLINE EXCLUSIVE DISCOUNT

Rs.7,999.00 **Rs.6,079.00**

M-LF-0200383- Formal Shoes




24%

ONLINE EXCLUSIVE DISCOUNT

Rs.2,999.00 **Rs.2,279.00**

M-MV-0200506-Formal Shoes




24%

ONLINE EXCLUSIVE DISCOUNT

Rs.4,999.00 **Rs.3,799.00**

M-DC-0250002-Formal Shoes




24%

ONLINE EXCLUSIVE DISCOUNT

Rs.4,999.00 **Rs.3,799.00**

M-DC-0250002-Formal Shoes



24%

ONLINE EXCLUSIVE DISCOUNT

Rs.3,999.00 **Rs.3,039.00**

M-DC-0200025-Moccas