

Online Shopping

Web Application



Prepared By:

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ROLES ROLES AND RESPONSIBILITIES:

	Team Memebers			
Work Assignment	Abhijeet	Karan	Raj	Rohan
User Registration			+	
Login	+		+	
Homepage	+			
Product Details	+	+		+
Shopping Cart	+	+	+	+
CSS				+

TECHNOLOGIES AND FRAMEWORKS:

MongoDB

NODE-JS(JAVASCRIPT-ES-6)

REACT-JS (JAVASCRIPT-ES-6)

Express

Postman

FUNCTIONALITIES:

User Authentication: If presented to a guest user (not logged in) it will display a login form and a registration link. From there, the user can login or register for a new account. If the user is already logged in, then they will get a welcome screen.

Shopping Homepage: When user sees the home page, the data from database is dynamically loaded on the page with relevant details. The user has the option to select the desired product by clicking on the name of the product which redirects it to the product details page . The product details page will show the user with more relevant information about the product and gives them an option to add the product to the cart.

Shopping Cart: An ecommerce shopping cart can help you keep customers informed about their wishlist. A customer can add and remove products to and from the shopping cart.

REST API:

Method Name

`GET`

This request is used to get a resource from a server. If you perform a `GET` request, the server looks for the data you requested and sends it back to you. In other words, a `GET` request performs a `READ` operation.

This is the default request method.

`POST`

This request is used to create a new resource on a server. If you perform a `POST` request, the server creates a new entry in the database and tells you whether the creation is successful. In other words, a `POST` request performs an `CREATE` operation.

IMPLEMENTATION OF HTTP METHODS

GET: In our application we have implemented get method in shopping homepage, and product details component, where we are fetching data from database & displaying it to the client.

POST: In our application we have implemented post method in User Registration, and Login component, where we are performing a check where if user does not exists then he/she will be registered and will be redirected homepage. Also, same process is applied for login component.

REFERENCES:

GOOGLE.COM

STACKOVERFLOW

VS CODE

Thank You!

You can find our code at: <https://github.com/rajkhona/SADshopping>