

React JS

Project Documentation

(TEAM-4)



Project Title: Carat Lane

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Project Introduction

Project Title: Carat Lane

Software Requirements: HTML, CSS, JavaScript, React, JSON-Server and Bootstrap.

Project Description: The Carat Lane E-commerce platform is a comprehensive online marketplace specifically tailored for jewelry enthusiasts, offering a wide range of jewelry products including rings, earrings, necklaces, bracelets, and more. With a focus on providing a seamless shopping experience, the platform integrates advanced features to ensure customer satisfaction and convenience.

FUNCTIONAL REQUIREMENTS :

1. The Carat Lane application should store all information about users, including their login details and order details.
2. The application should allow a new user to register their details if they are new to the application.
3. The application will also display the about and contact details.
4. The Carat Lane application should maintain a database for user information, product details, roles, categories, shopping cart, etc. to ensure efficient data management.
5. The Carat Lane application should enable users to search for Jewelry and customizable products by product code and category.
6. Users should have the ability to view their personal information, and current order status within the Carat Lane application.

7. The application should allow users to use their preferred method of payment while making an order.
8. The Carat Lane application should allow administrators to create, update and delete products offered within the application.
9. The application should allow the administrator to update an existing image for a product to a new image.
10. HTML, CSS, JavaScript, Bootstrap, React.JS, Node, JSON Server, Redux, Axios will be used to develop our application.

Modules Used:

1.Admin: CRUD Process on Products, Admin Module is secured and we need to perform admin activities. Admin route should be secured.

2.Customer: View Products, View Products By Category, Add or Remove a product, see a product's det

3.Shopping Cart Module: Display all the products in cart, show grand total of all the products, customer can remove a product and when all the additions are done on the cart, customer can proceed for the checkout.

ADMIN MODULE

ADMIN ACTIVITIES:-

- Add new data to database.
- Edit the existing data so that title, price can be updatable.
- Delete the data that does not need.
- View All details of carat lane .
- Admin can perform CRUD operations on Albums data
- Admin Module is secured, we need to authenticate Admin to perform admin activates.
- Make sure that admin route will be secured

ADMIN VIEW :-

CARATLANE

FREE TRY AT HOME

FIND STORE

PLAN OF PURCHASE

BUY DIGITAL GOLD

search

PIN CODE

NEW ARRIVALS RINGS EARRINGS BRACELETS & BANGLES SOLITAIRS MANGALSUTRA READY TO SHIP KIDS OTHER JEWELLERY GIFTING

Sign in to your account

to enjoy all of our cool features 🍷

Email address

admin@gmail.com

Password

☐ Remember me

Don't have an account?[Create Account](#)

Sign in

ADD DATA :-

CARATLANE

FREE TRY AT HOME

FIND STORE

PLAN OF PURCHASE

BUY DIGITAL GOLD

search

PIN CODE

NEW ARRIVALS RINGS EARRINGS BRACELETS & BANGLES SOLITAIRS MANGALSUTRA READY TO SHIP KIDS OTHER JEWELLERY GIFTING

data post

Enter image

Enter name

Enter discription

Enter price

Enter ring size

Enter striked price

New Arival

Enter rating

Enter type

Submit

Earring

NewArival

Ring


Orders

earrings
₹36812 ₹37864
Ring size:5
Rating: 3.8
Type of: earring

EditDelete

Madesha Drop Earrings
₹119175 ₹120783
Ring size:9
Rating: 5.5
Type of: earring

EDIT DATA :-




[FREE TRY AT HOME](#)


[FIND STORE](#)


[PLAN OF PURCHASE](#)


[BUY DIGITAL GOLD](#)

[PIN CODE](#)









NEW ARRIVALS RINGS EARRINGS BRACELETS & BANGLES SOLITAIRS MANGALSUTRA READY TO SHIP KIDS OTHER JEWELLERY GIFTING

data post

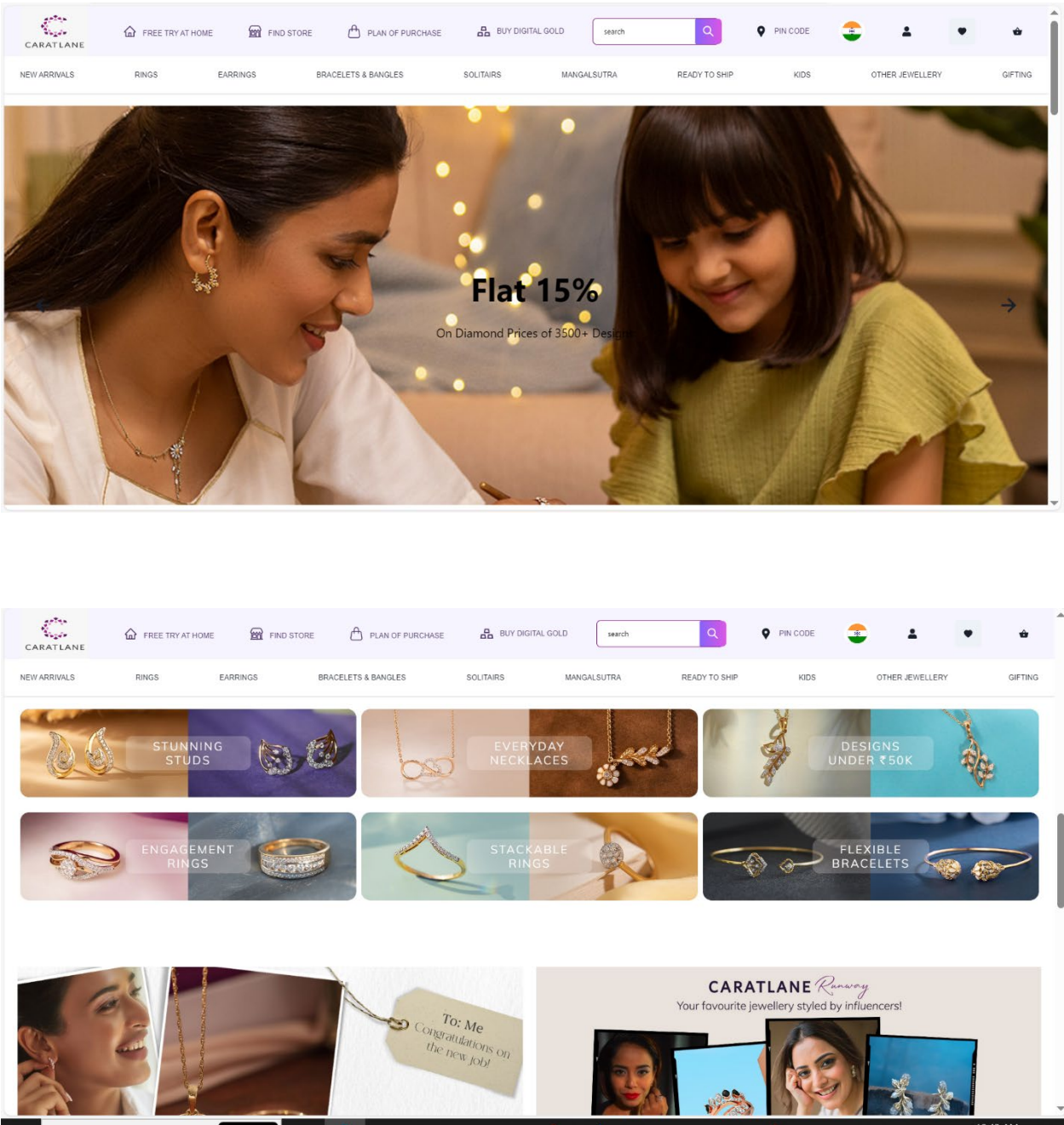
Image Url	Name
<input type="text" value="https://cdn.caratlane.com/medi"/>	<input type="text" value="earrings"/>
discription	Price
<input type="text" value="Set in 14 KT Rose Gold(5.560 g)"/>	<input type="text" value="36812"/>
strikePrice	ring size
<input type="text" value="37864"/>	<input type="text" value="5"/>
rating	type
<input type="text" value="3.8"/>	<input type="text" value="earring"/>
<input type="button" value="Submit"/>	

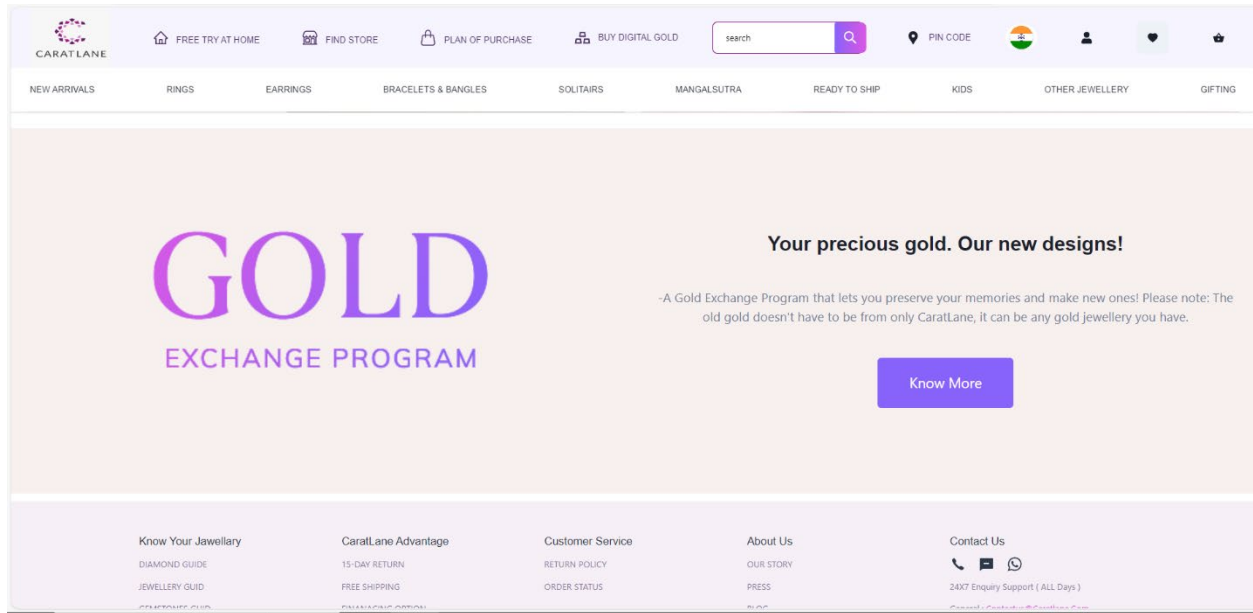
Customer Module

Customer Activities:

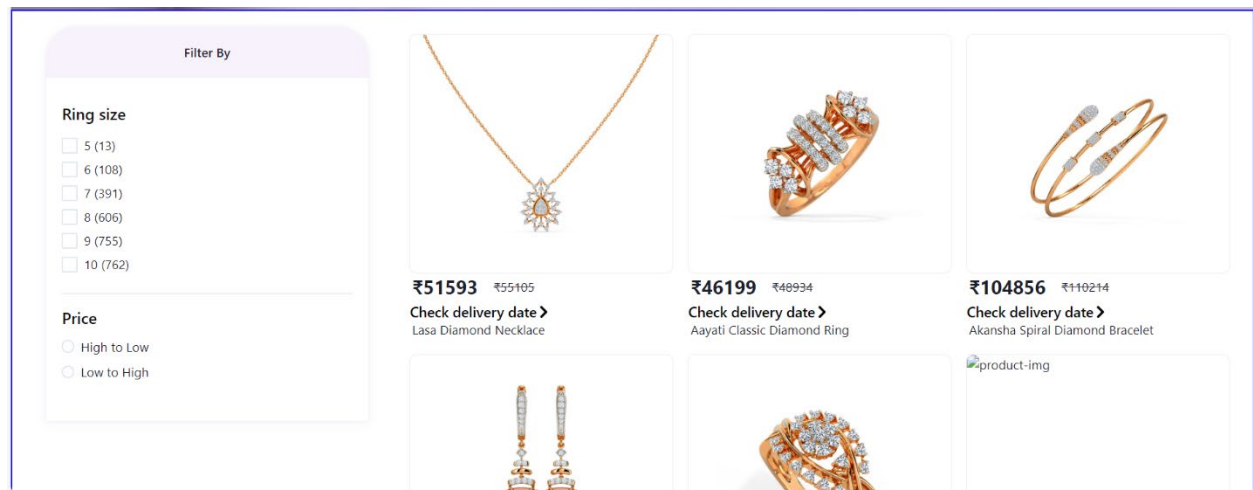
- View top 5 albums on the home page.
- View all albums exists in the store
- Browse the albums based on the selected category
- Select and view the details of selected albums
- Add any album to the shopping cart
- Required Components: Home, Browse, Store, Details

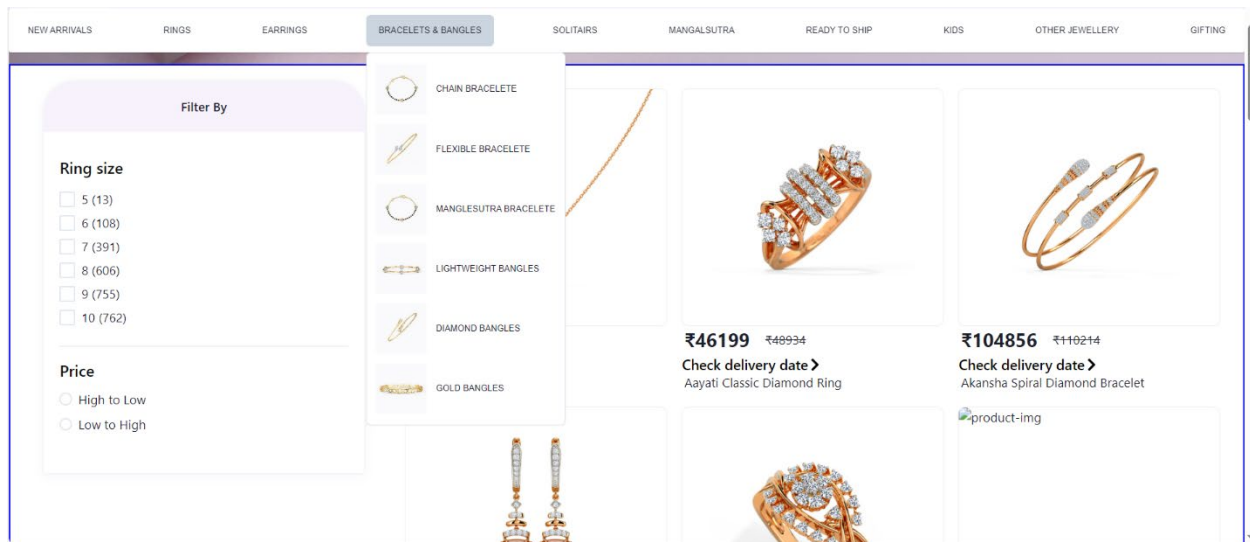
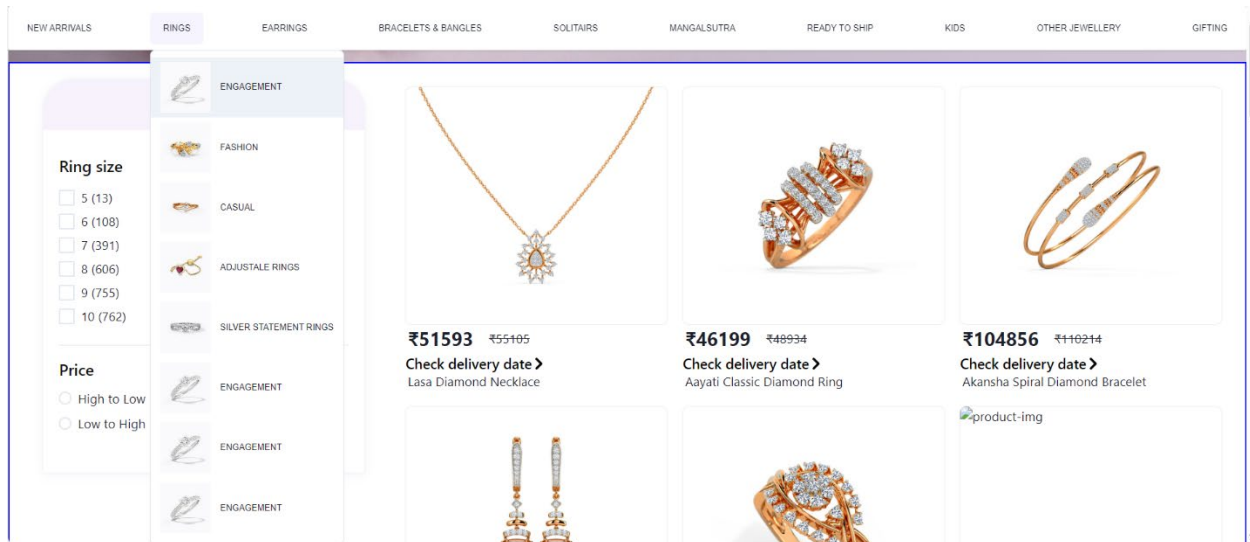
HOME PAGE:-






PRODUCTS :-





SINGLE PRODUCT PAGE :-



Lasa Diamond Necklace

Set in 14 KT Rose Gold(3.580 g) with diamonds (0.310 ct ,J,I-SI)

Key Features

- Definitive Quality
- High-Definition Clarity
- Transmits Original Colours
- Clear 'Touch' Easy Clean

Return Policy

- Items are eligible for return within 7 Days of Delivery.
- All accessories, product & packaging need to be returned in original condition.

Got Feedback to share on this page?

₹51593

MRP: 55105 (Exclusive of all taxes)

FREE Shipping!

*Delivery assurance is subject to our delivery locations staying open as per govt. regulations

Add To Cart

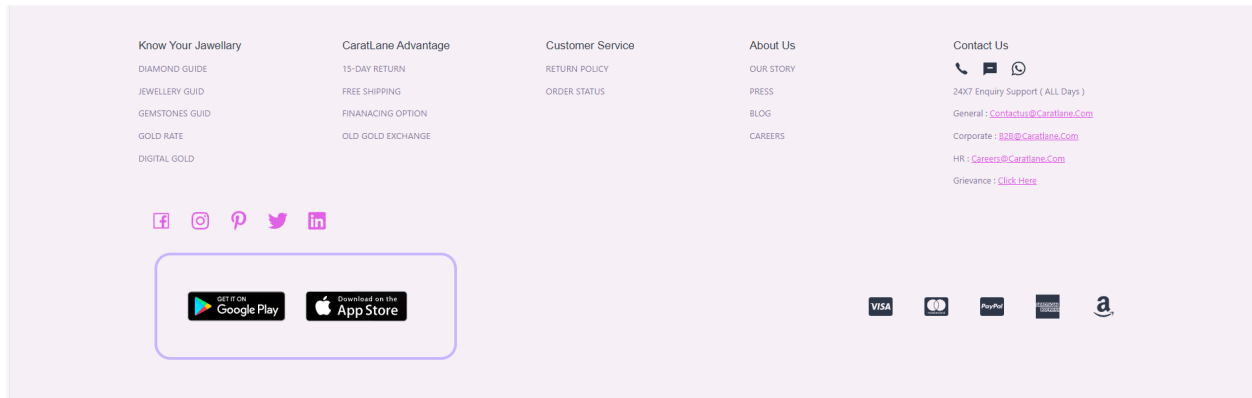
NAVBAR:-

[FREE TRY AT HOME](#)
[FIND STORE](#)
[PLAN OF PURCHASE](#)
[BUY DIGITAL GOLD](#)

[PIN CODE](#)

[NEW ARRIVALS](#)
[RINGS](#)
[EARRINGS](#)
[BRACELETS & BANGLES](#)
[SOLITAIRS](#)
[MANGALSUTRA](#)
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[KIDS](#)
[OTHER JEWELLERY](#)
[GIFTING](#)

FOOTER:-




Shopping Cart Module

Cart Component:-

- Display the albums that are added to cart
- Show Grand total of all products that exists in the cart
- Customer can remove any item from cart
- If adding items to cart is done, customer navigate to checkout page.

ADDING TO CART :-



Lasa Diamond Necklace

Set in 14 KT Rose Gold(3.580 g) with diamonds (0.310 ct ,J-J)

Key Features

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Got Feedback to share on this page?


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FREE Shipping!

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[Add to Cart](#)

 **BIS** 100% Hallmarked Jewellery

 You Successfully Added Product in Cart. Please Check Your Cart!


 **CaratLane Assurity** 100% CaratLane Certified

CART PAGE :-

NEW ARRIVALS RINGS EARRINGS BRACELETS & BANGLES SOLITAIRS MANGALSUTRA READY TO SHIP KIDS OTHER JEWELLERY GIFTING

Check Delivery time & services

(0/1) ITEMS SELECTED



Lasa Diamond Necklace
Sold by Lasa Diamond Necklace

Qty:

Rs.51593 ~~Rs.55105~~

[Remove](#)

[ENTER PIN CODE](#)

PRICE DETAILS (0 item)


Total MRP	0
Discount on MRP	0

[PLACE ORDER](#)

Check Delivery time & services

ENTER PIN CODE

(0/1) ITEMS SELECTED



Lasa Diamond Necklace

Sold by: Lasa Diamond Necklace

Qty:

Rs.5159

1


2

3


4




Remove

Sign in :-



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Sign in to your account

to enjoy all of our cool features 🍷

Email address


Password

☐ Remember me


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[Sign in](#)

Logged in :-



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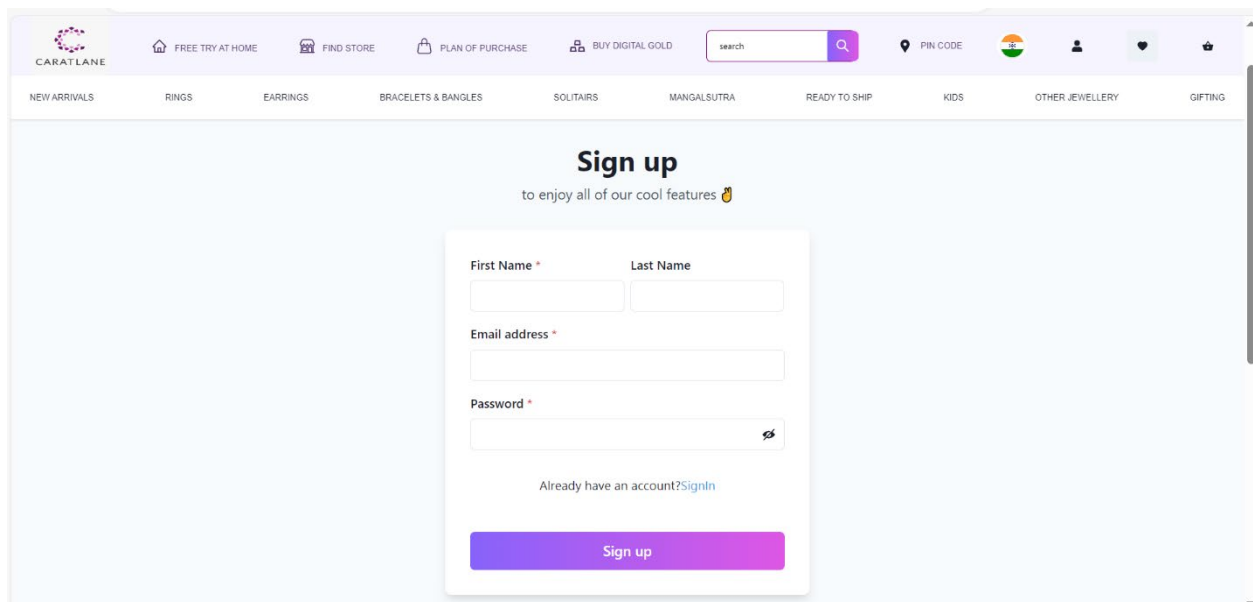
[NEW ARRIVALS](#) [RINGS](#) [EARRINGS](#) [BRACELETS & BANGLES](#) [SOLITAIRS](#) [MANGALSUTRA](#) [READY TO SHIP](#) [KIDS](#) [OTHER JEWELLERY](#) [GIFTING](#)

Your Account

Access account & manage your orders

[Logout](#)

Sign up:-



The image shows a web browser window displaying the KaratLane website's sign-up page. The website has a purple header with the KaratLane logo and navigation links: FREE TRY AT HOME, FIND STORE, PLAN OF PURCHASE, and BUY DIGITAL GOLD. A search bar is also present. Below the header is a horizontal menu with categories: NEW ARRIVALS, RINGS, EARRINGS, BRACELETS & BANGLES, SOLITAIRS, MANGALSUTRA, READY TO SHIP, KIDS, OTHER JEWELLERY, and GIFTING. The main content area is light blue and features a 'Sign up' heading with the subtext 'to enjoy all of our cool features'. A white sign-up form is centered, containing fields for First Name, Last Name, Email address, and Password, each with an asterisk indicating it is required. A 'Sign up' button is at the bottom of the form. A link for 'Already have an account? Sign In' is located above the button.

KARATLANE

FREE TRY AT HOME FIND STORE PLAN OF PURCHASE BUY DIGITAL GOLD

search

PIN CODE

NEW ARRIVALS RINGS EARRINGS BRACELETS & BANGLES SOLITAIRS MANGALSUTRA READY TO SHIP KIDS OTHER JEWELLERY GIFTING

Sign up

to enjoy all of our cool features

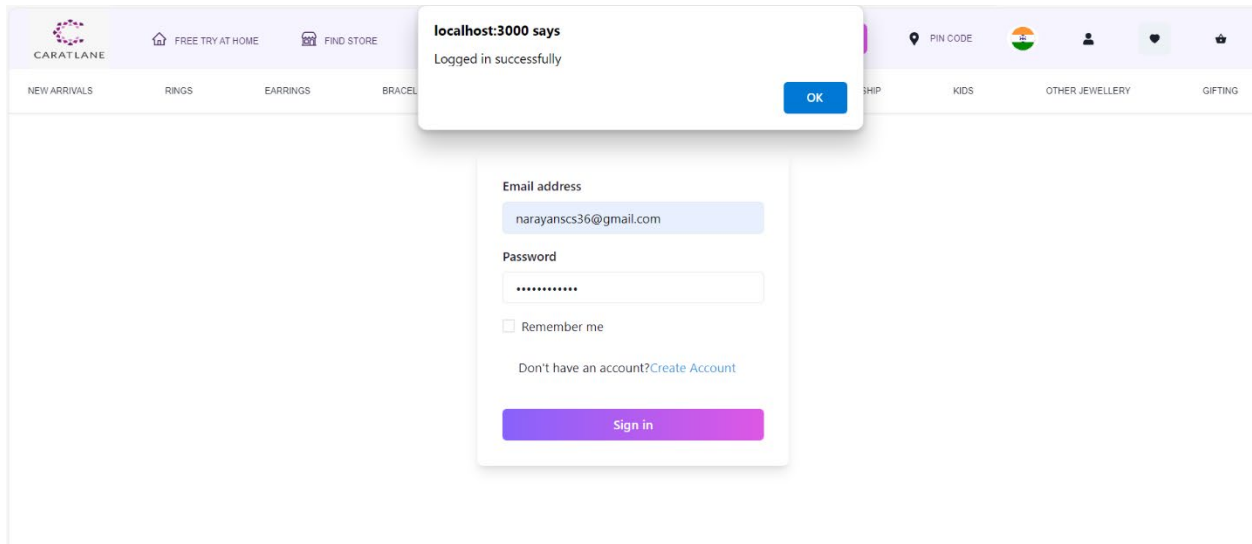
First Name * Last Name

Email address *

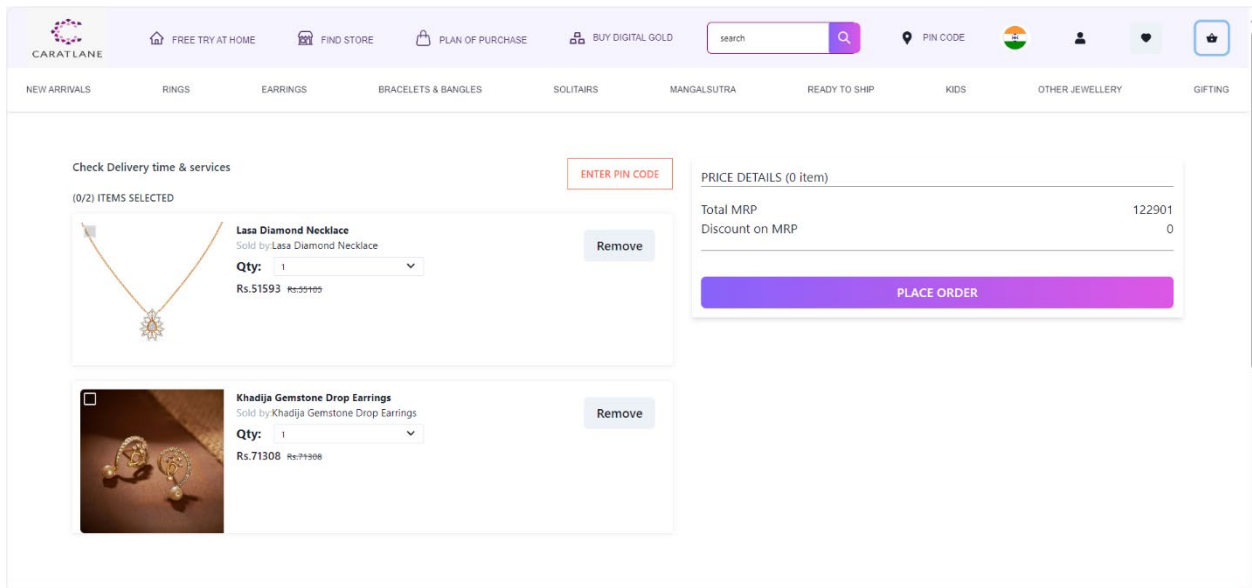
Password *

Already have an account? [Sign In](#)

Sign up



Payment Page :-



[FREE TRY AT HOME](#)
[FIND STORE](#)
[PLAN OF PURCHASE](#)
[BUY DIGITAL GOLD](#)

[PIN CODE](#)

[NEW ARRIVALS](#)
[RINGS](#)
[EARRINGS](#)
[BRACELETS & BANGLES](#)
[SOLITAIRS](#)
[MANGALSUTRA](#)
[READY TO SHIP](#)
[KIDS](#)
[OTHER JEWELLERY](#)
[GIFTING](#)

Select Delivery Address

ADD NEW ADDRESS

DEFAULT ADDRESS

Narayan HOME

Delhi, Delhi

Delhi, Delhi-201005

Mobile: 8448052765

• pay on Delivery available

REMOVE

PRICE DEATILS (Items)

Total MRP ₹ 122901

Discount on MRP ₹ -122901

Convenience Fee [Know More](#) ₹99 FREE

Total Amount ₹ 122901

Checkout

[FREE TRY AT HOME](#)
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[PLAN OF PURCHASE](#)
[BUY DIGITAL GOLD](#)

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[MANGALSUTRA](#)
[READY TO SHIP](#)
[KIDS](#)
[OTHER JEWELLERY](#)
[GIFTING](#)

Check Delivery time & services

ENTER PIN CODE

(0/2) ITEMS SELECTED

Lasa Diamond Necklace

Sold by Lasa Diamond Necklace

Qty: 1

Rs.51593 ~~Rs.55100~~

Remove

Khadija Gemstone Drop Earrings

Sold by Khadija Gemstone Drop Earrings

Qty: 1

Rs.71308 ~~Rs.71300~~

Remove


PRICE DETAILS (0 item)


Total MRP 122901


Discount on MRP 0


PLACE ORDER


Order placed :-





 FREE TRY AT HOME


 FIND STORE


 PLAN OF PURCHASE


 BUY DIGITAL GOLD

 PIN CODE









NEW ARRIVALS

RINGS

EARRINGS

BRACELETS & BANGLES

SOLITAIRS


MANGALSUTRA

READY TO SHIP

KIDS

OTHER JEWELLERY

GIFTING



Your order has been placed

thank you for shopping

SHOP MORE

Know Your Jewellery

DIAMOND GUIDE

JEWELLERY GUID

GEMSTONES GUID

GOLD RATE

DIGITAL GOLD

CaratLane Advantage

15-DAY RETURN

FREE SHIPPING

FINANACING OPTION

OLD GOLD EXCHANGE

Customer Service

RETURN POLICY

ORDER STATUS

About Us




OUR STORY

PRESS

BLOG

CAREERS

Contact Us



24x7 Enquiry Support (ALL Days)

General : Contactus@Caratlane.Com

Corporate : S2B@Caratlane.Com

HR : Careers@Caratlane.Com

Gneivance : [Click Here](#)

