19CS30E - ADVANCED JAVA PROGRAMMING
(2023-2024)

ONLINE SHOPPING SYSTEM USING JSP

Submitted By

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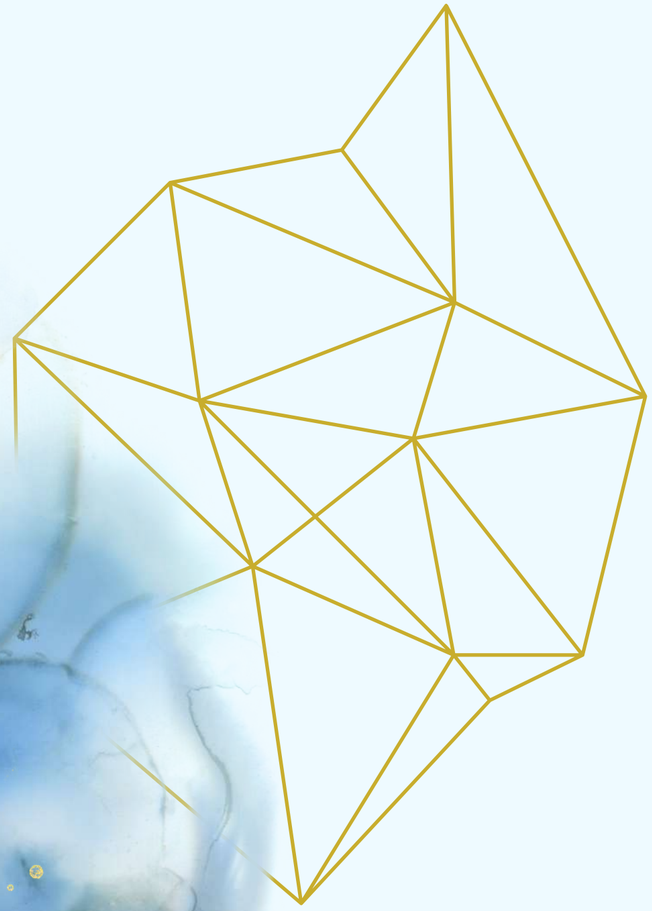

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Abstract

- This project aims to develop a web-based shopping system for an existing shop and subsequently deliver it as a web application using java.
- The primary objective of this project is to extend the benefits of online shopping to the customers of the physical store.
- It allows customers to purchase products from the
- shop conveniently using their Android devices via the internet, with the added convenience of home delivery from their favorite shop.
- This system can be customized for use in local stores or even for multinational branded shops with retailoutlet chains.
- By offering an online portal where customers can easily shop from anywhere, traditional shops can retain their customer base and compete with popular online marketplaces such as Flipkart or Amazon.

Introduction

- The web based Onlne Shopping System project mainly focuses on basic operating added new product, new member and updating nnew information, seraching product and members and facility to online shopping .
- This system has three mainmodules.
- Inserting to database module - user friendly input screen
- Extracting from database module - attractive output screen
- search facility system - search for shopping

Project Objective :

- The objective of the project is to make a web application in Netbeans platform to purchase items in an existing shop using jsp.
- In order to build such an application complete web support needs to be provided. A complete and efficient web application which can provide the online shopping experience is the basic objective of the project

Project Scope :

- This system can be implemented to any shop in the locality or to multinational branded shops having retail outlet chains.
- The system recommends a facility to accept the orders 24*7 and a home delivery system which can make customers happy.
- If shops are providing an online portal where their customers can enjoy easy shopping from anywhere, the shops won't be losingany more customers to the trending online shops such as flipkart or ebay.
- Since the application is available in the Smartphone it is easily accessible and always available.

Technolgy Stack of this project

1. HTML
2. CSS
3. JSP
4. Frameworks netbeans
5. Database MYSQL - Relational Database

Frontend design :

JSP, HTML, CSS are utilized to implement the frontend.

Database design :

Databases are the storehouses of data used in the software systems. The data is stored
in tables inside the database. Several tables are created for the manipulation of the
data for the system. Two essential settings for a database are

- Primary Key - the field that is unique for all the record occurrences.
- Foreign Key - the field used to set relations between tables.

Normalization is a technique to avoid redundancy in the tables.

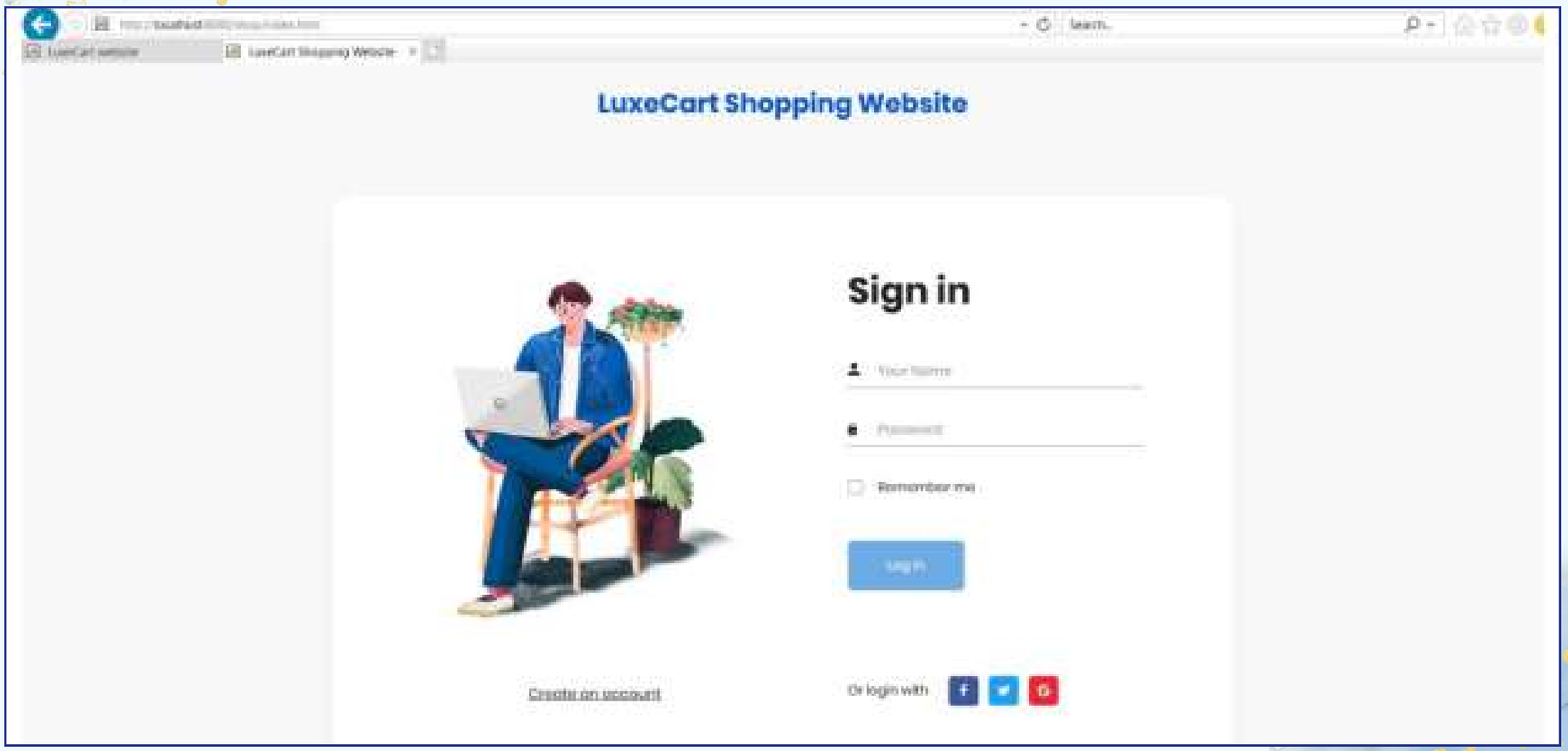
Modules

The modules present in the project include the following

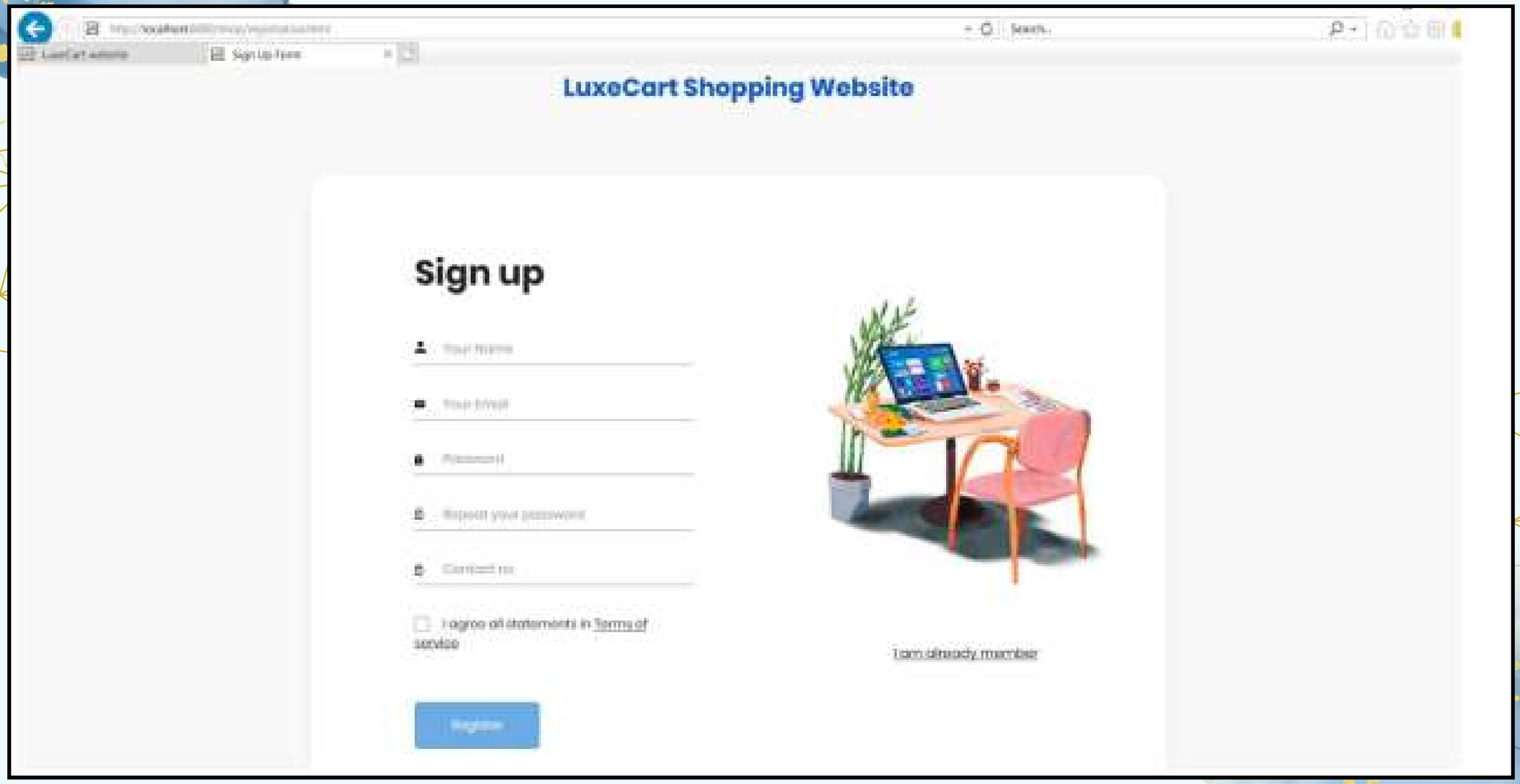
- Login module
- Signup module
- Dashboard
- Products
- Add to Cart
- Order

Screenshots

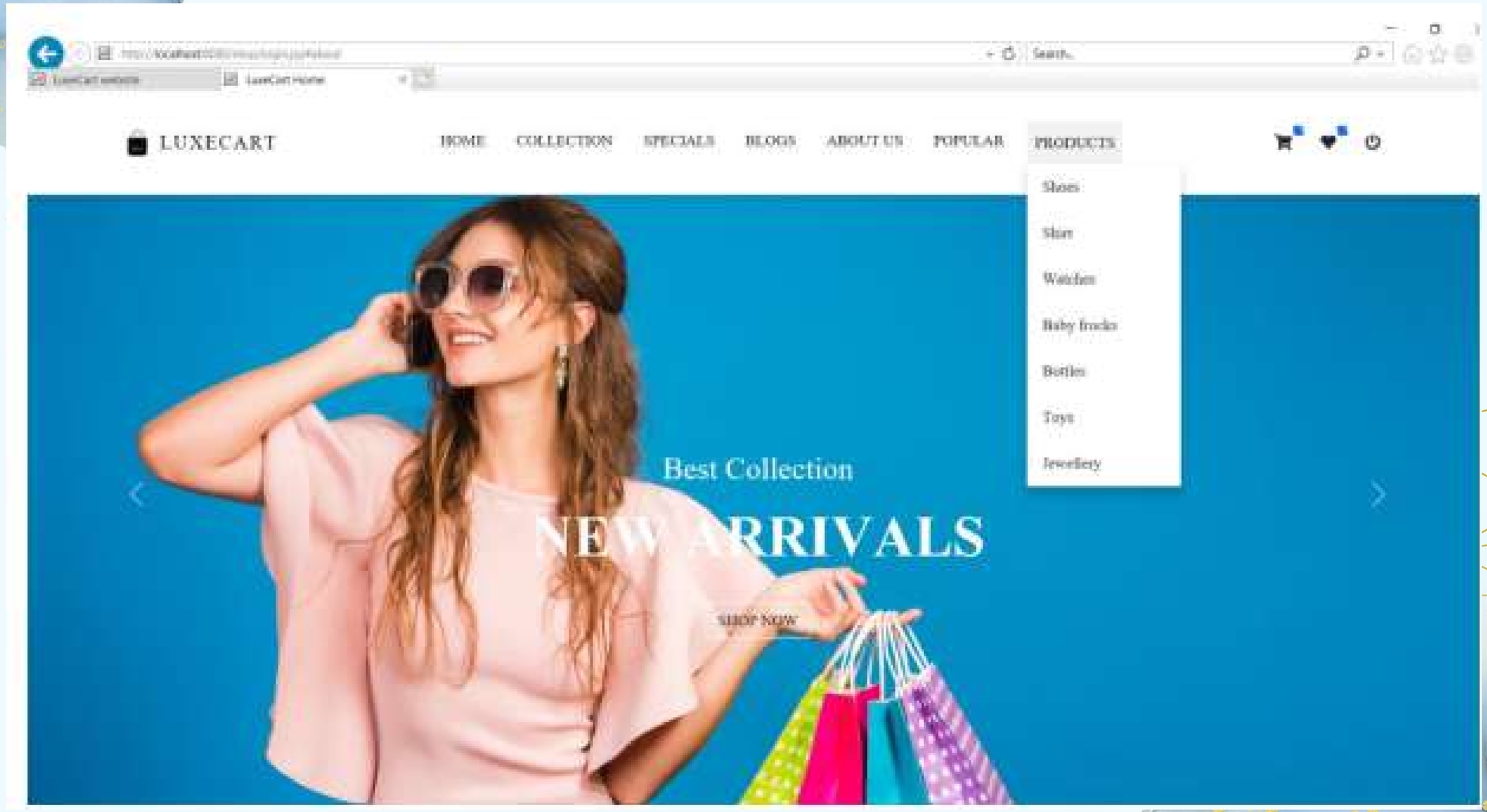
Sign in Page :



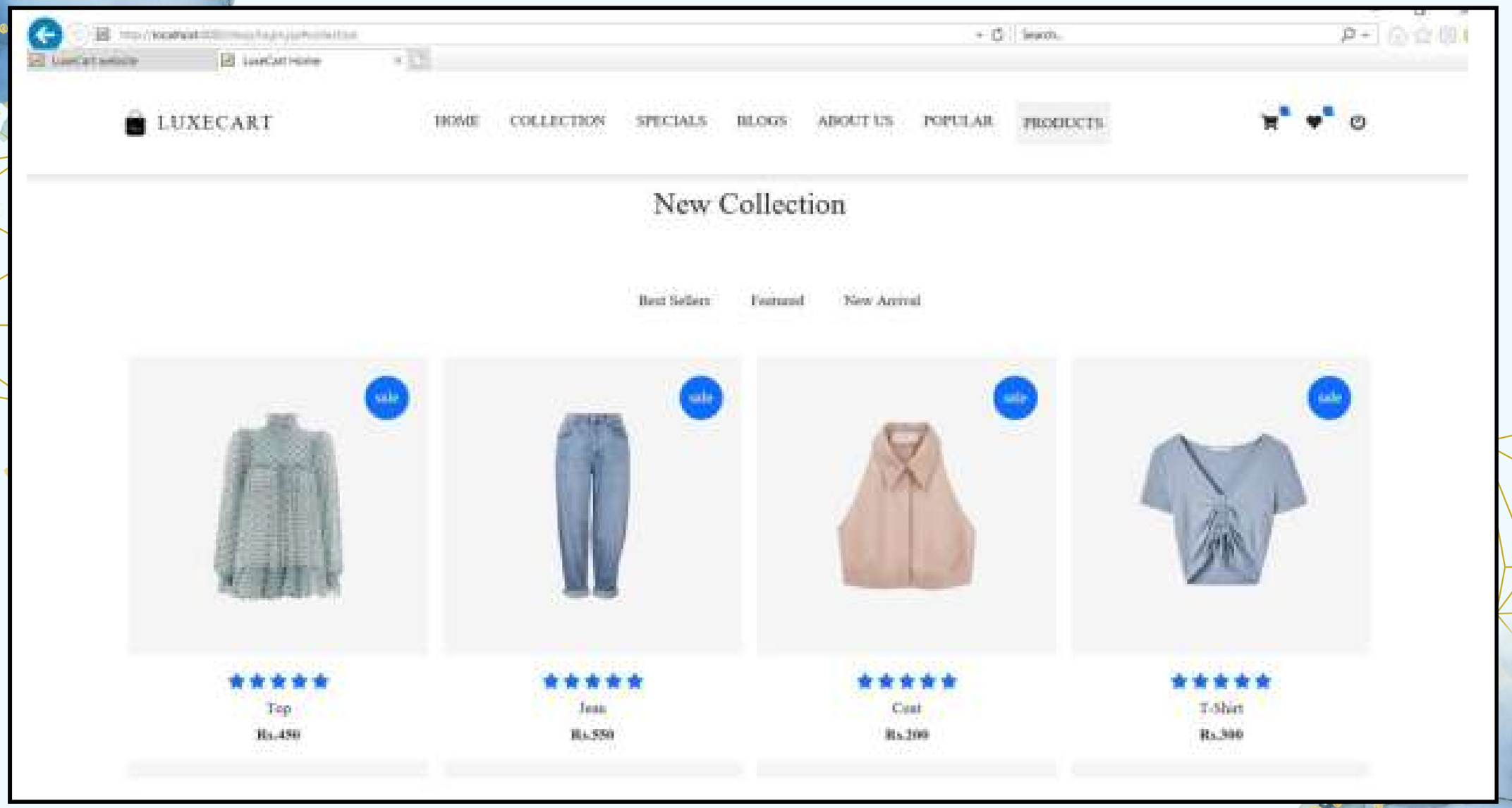
Sign Up Page:


LuxeCart Shopping Website
Sign up
I agree all statements in Terms of service
I am already member

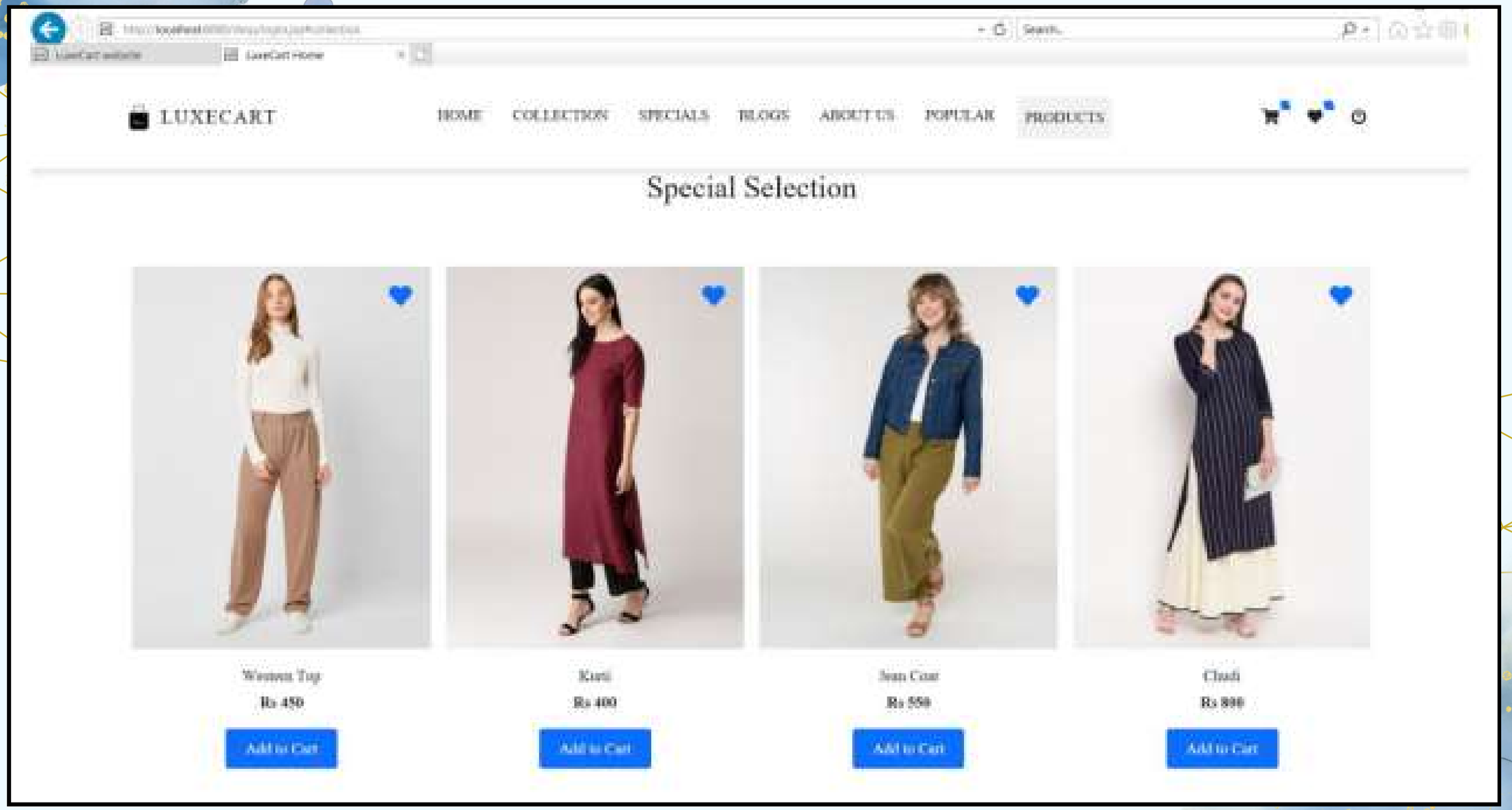
Dashboard :


LUXECART
HOME
COLLECTION
SPECIALS
BLOGS
ABOUT US
POPULAR
PRODUCTS
Shoes
Shirt
Watches
Baby frocks
Bottles
Toys
Jewellery
Best Collection
NEW ARRIVALS
SHOP NOW

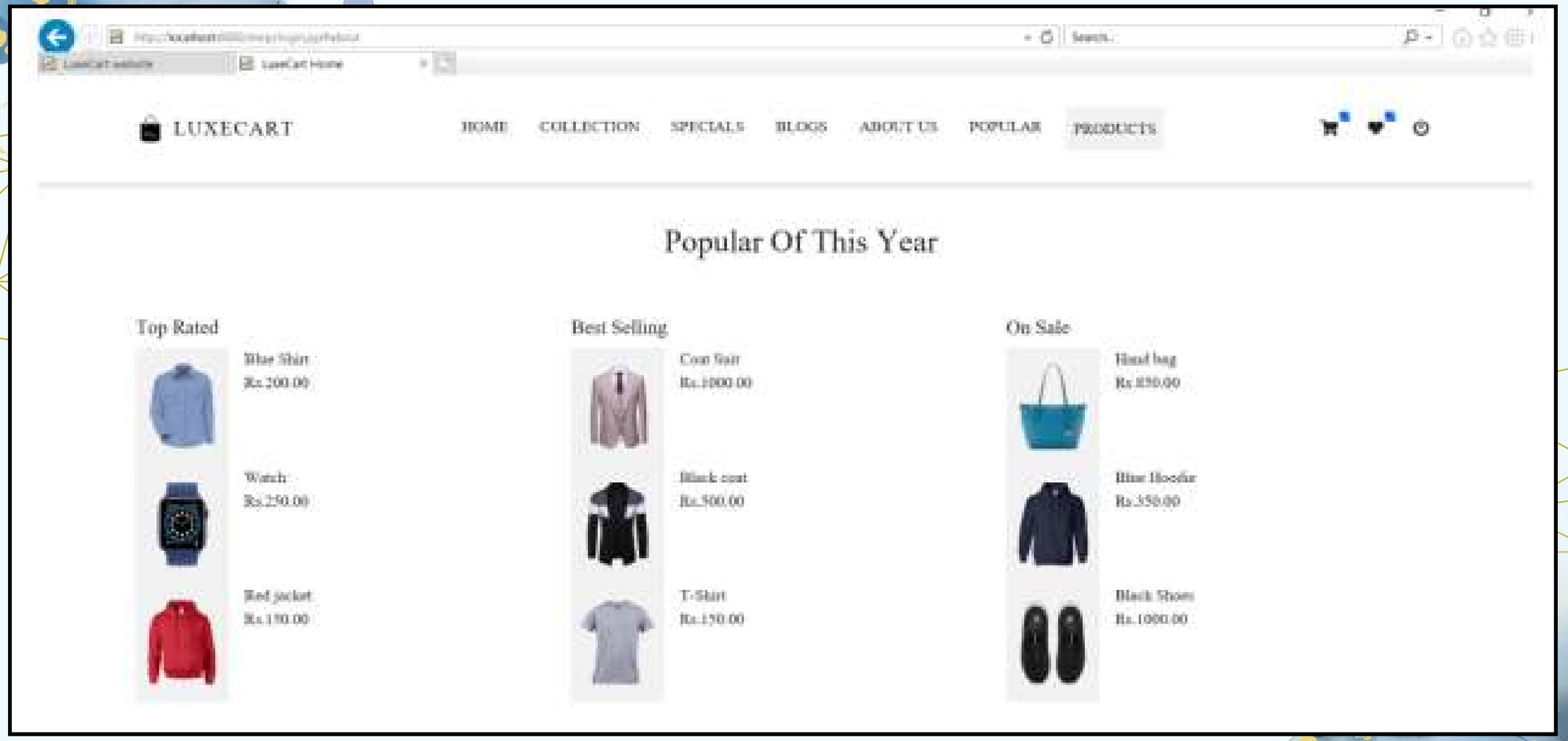
Collections :



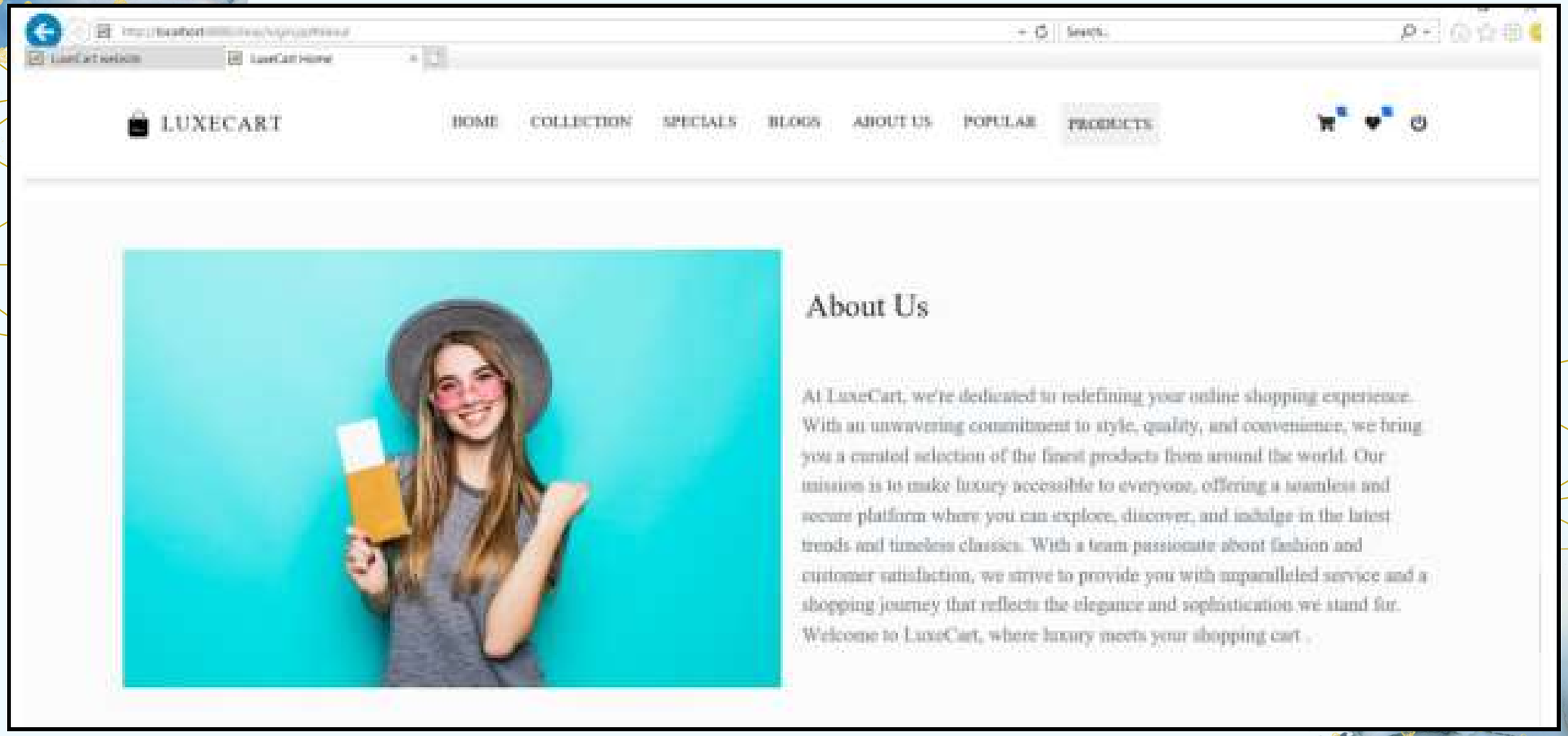
Specials :


LUXECART
HOME
COLLECTION
SPECIALS
BLOGS
ABOUT US
POPULAR
PRODUCTS
Special Selection
Women Top
Rs 450
Add to Cart
Kurti
Rs 400
Add to Cart
Jean Coat
Rs 550
Add to Cart
Chudi
Rs 800
Add to Cart

Popular :


LUXECART
HOME
COLLECTION
SPECIALS
BLOGS
ABOUT US
POPULAR
PRODUCTS
Popular Of This Year
Top Rated
Blue Shirt
Rs.200.00
Watch
Rs.250.00
Red jacket
Rs.150.00
Best Selling
Coat Suit
Rs.1000.00
Black coat
Rs.500.00
T-Shirt
Rs.150.00
On Sale
Hand bag
Rs.850.00
Blue Hoodie
Rs.350.00
Black Shoes
Rs.1000.00

About Us :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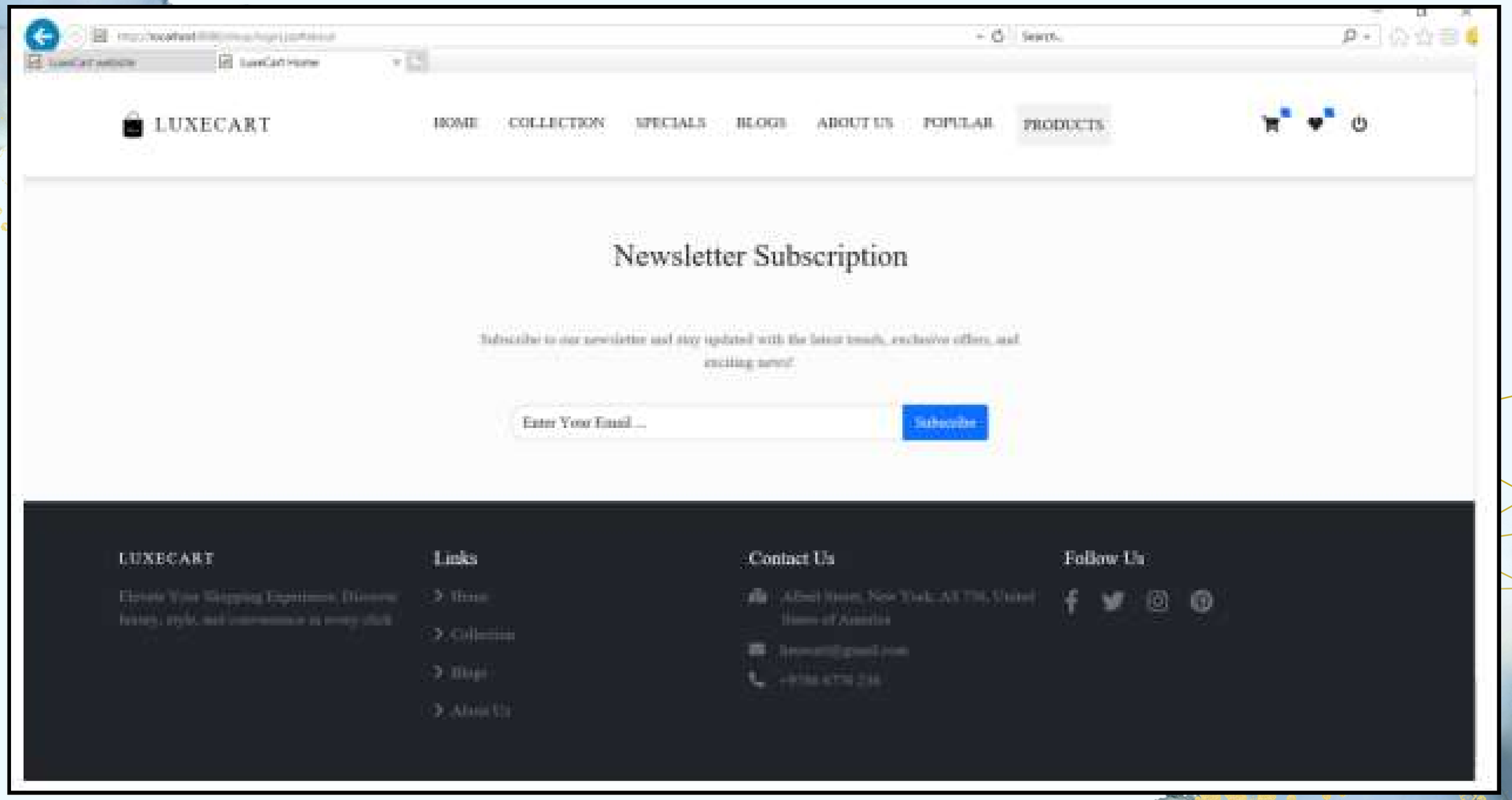
PRODUCTS
About Us
At LuxeCart, we're dedicated to redefining your online shopping experience. With an unwavering commitment to style, quality, and convenience, we bring you a curated selection of the finest products from around the world. Our mission is to make luxury accessible to everyone, offering a seamless and secure platform where you can explore, discover, and indulge in the latest trends and timeless classics. With a team passionate about fashion and customer satisfaction, we strive to provide you with unparalleled service and a shopping journey that reflects the elegance and sophistication we stand for. Welcome to LuxeCart, where luxury meets your shopping cart .

Blogs :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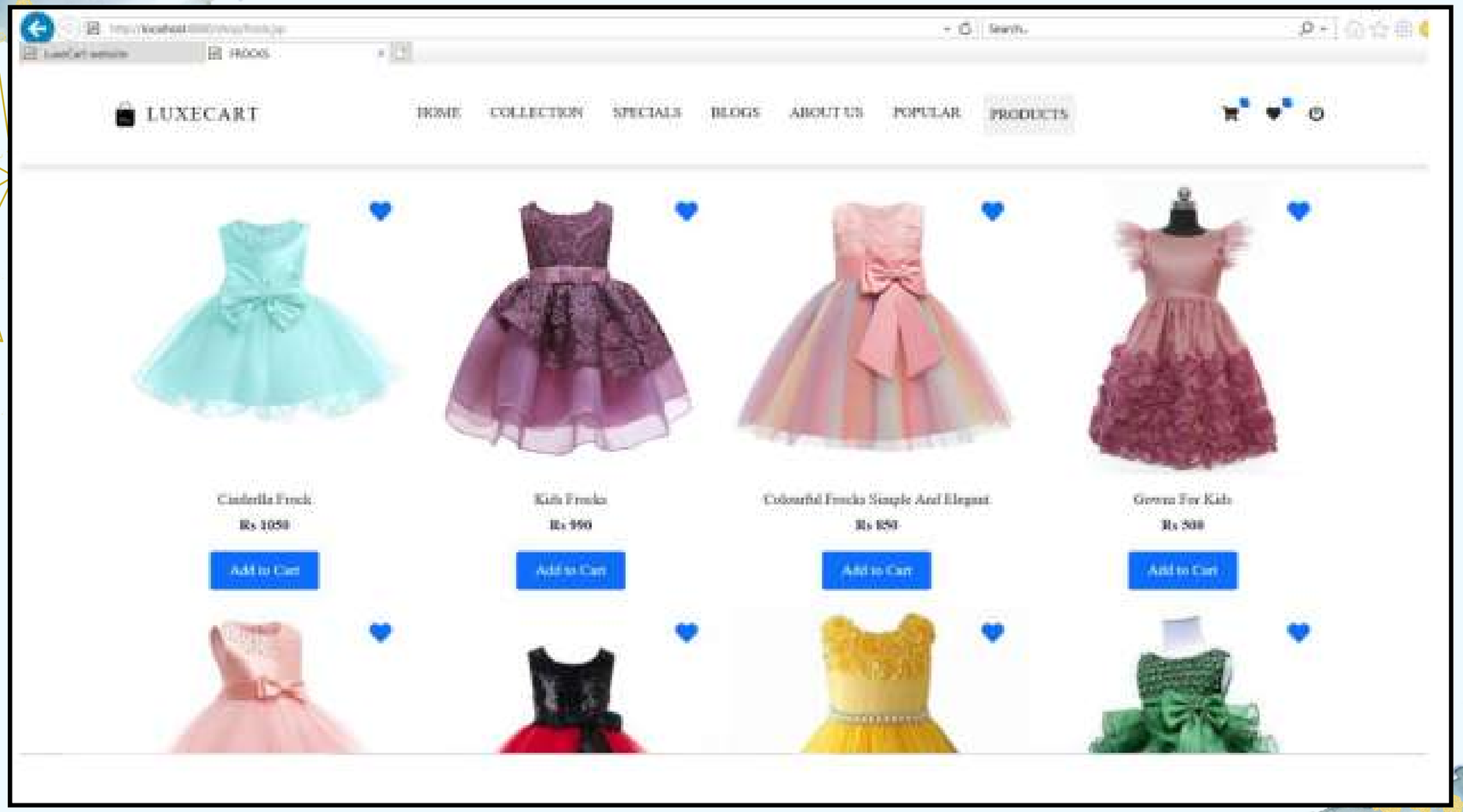
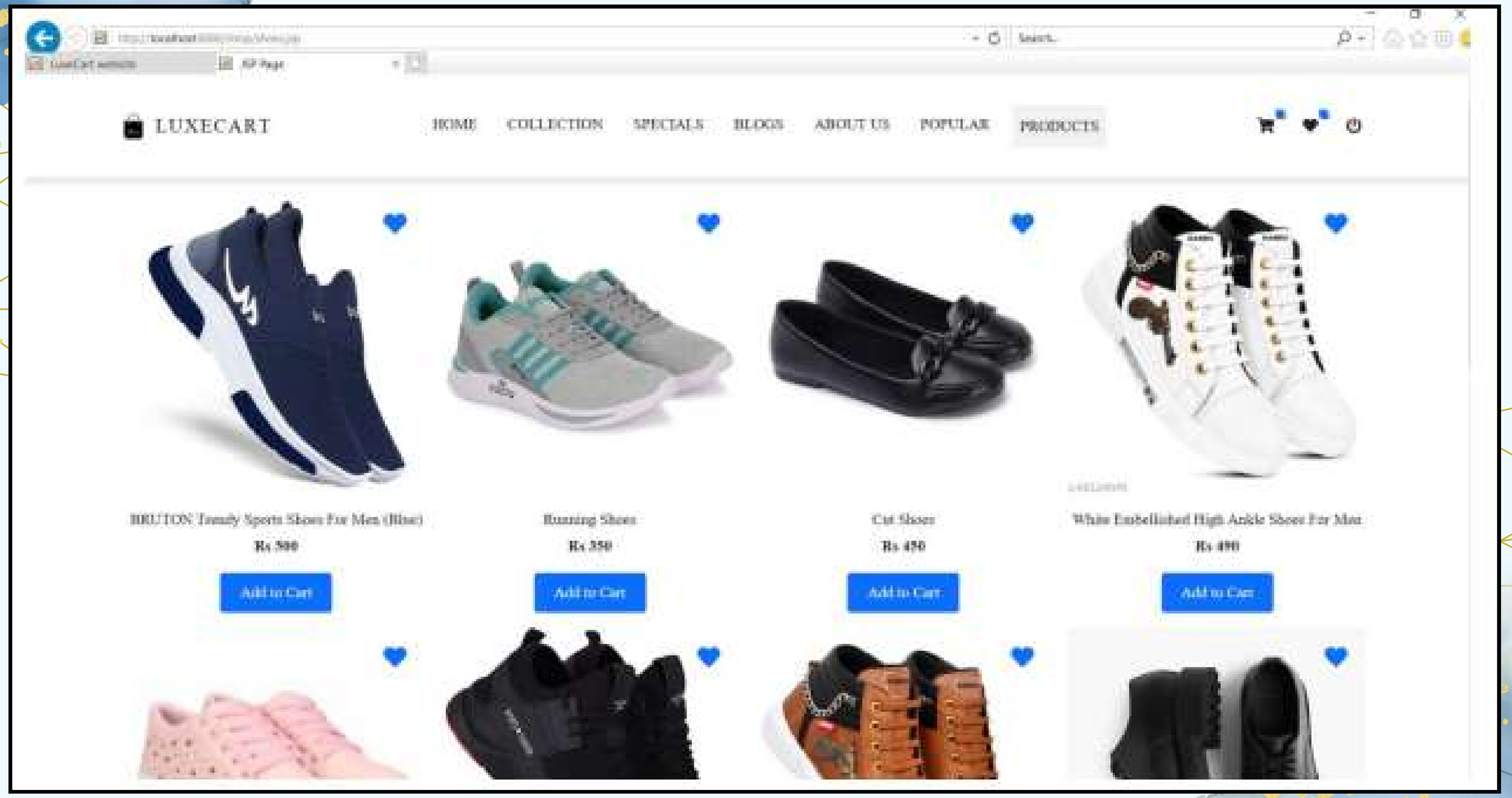
POPULAR
PRODUCTS
Newsletter Subscription
Enter Your Email ...
Subscribe
LUXECART
Links
Contact Us
Follow Us

PRODUCTS

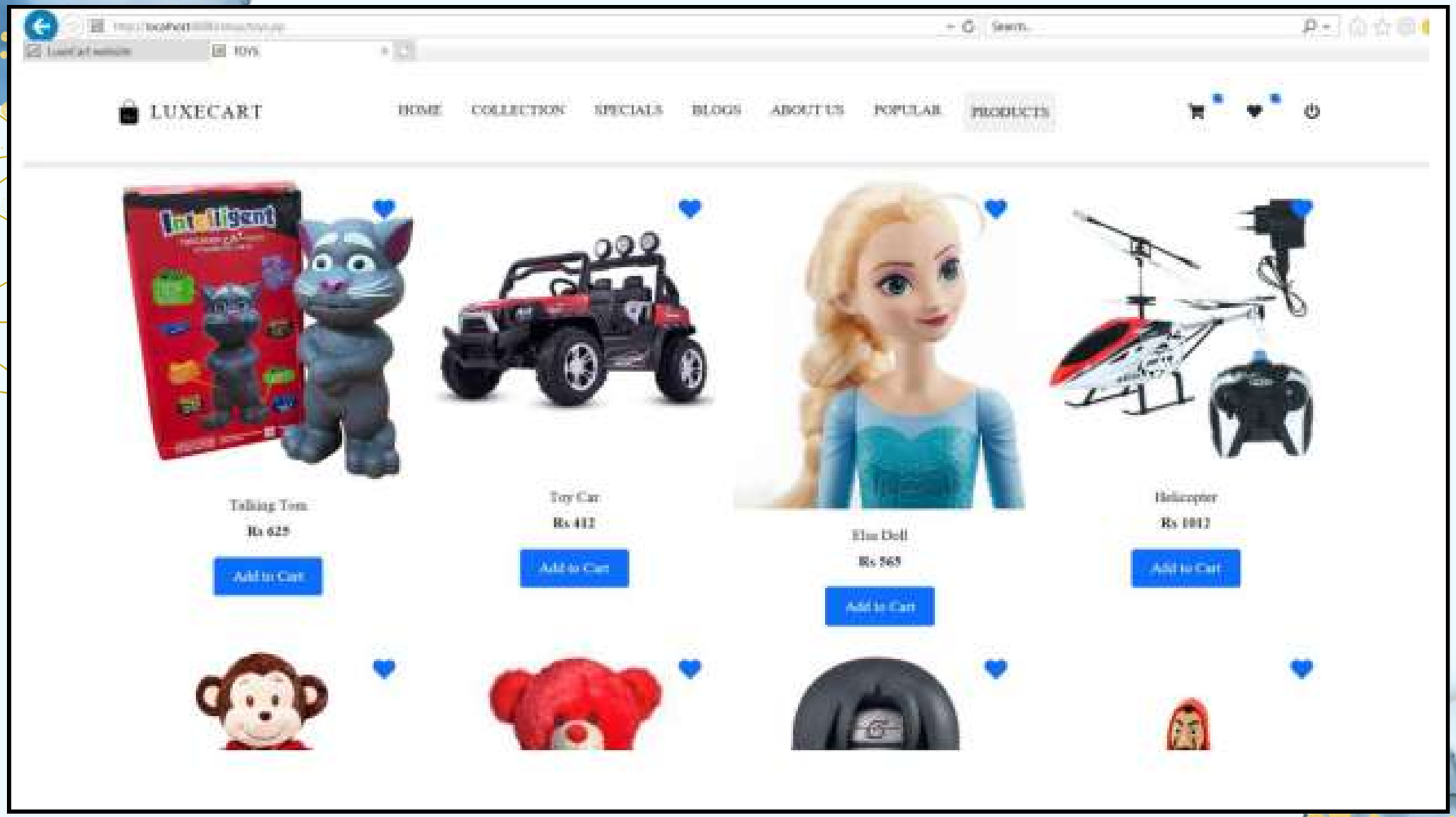
Frocks :



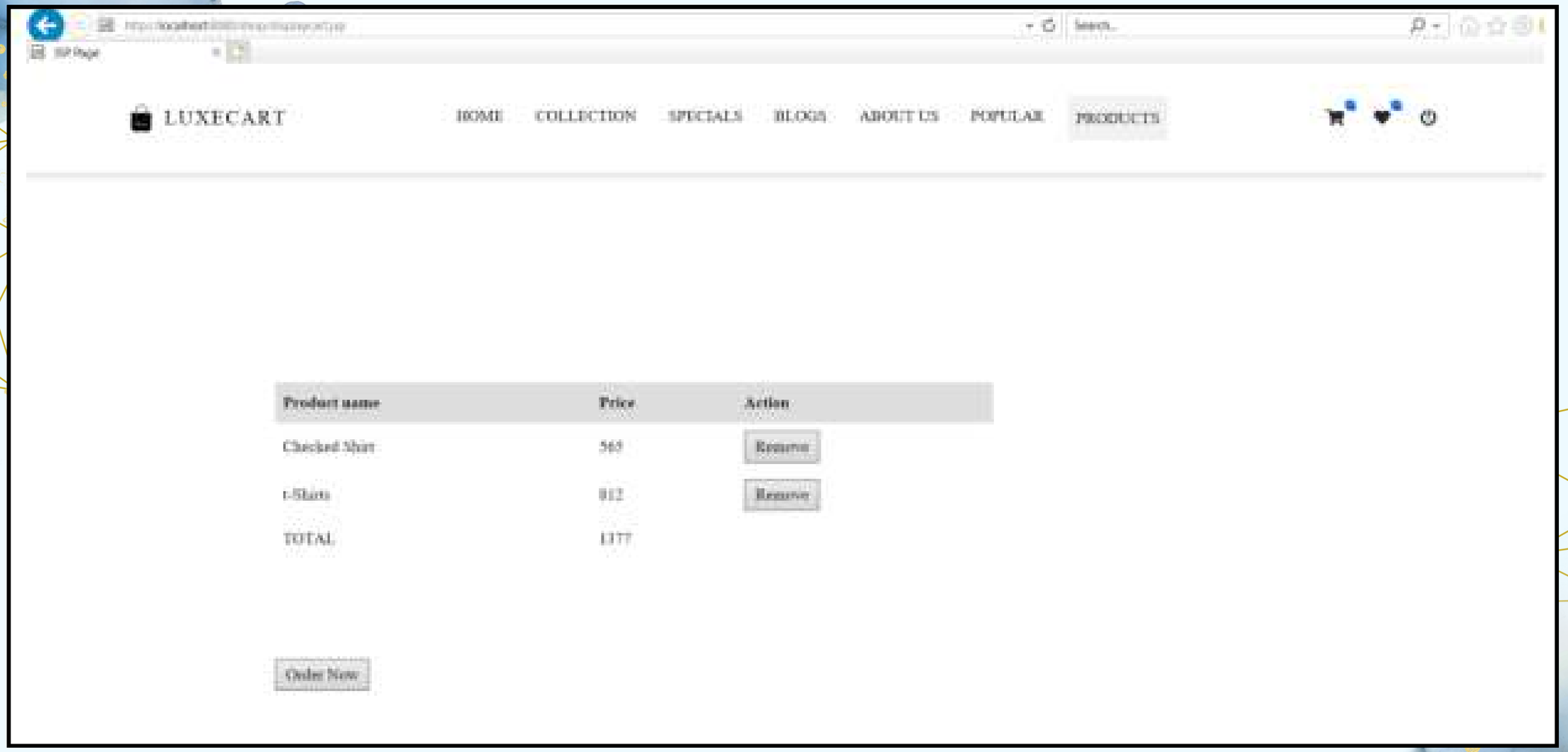
Shoes :


LUXECART
HOME
COLLECTION
SPECIALS
BLOGS
ABOUT US
POPULAR
PRODUCTS
BRUTON Trendy Sports Shoes For Men (Blue)
Rs 500
Add to Cart
Running Shoes
Rs 350
Add to Cart
Cut Shoes
Rs 450
Add to Cart
White Embellished High Ankle Shoes For Men
Rs 490
Add to Cart

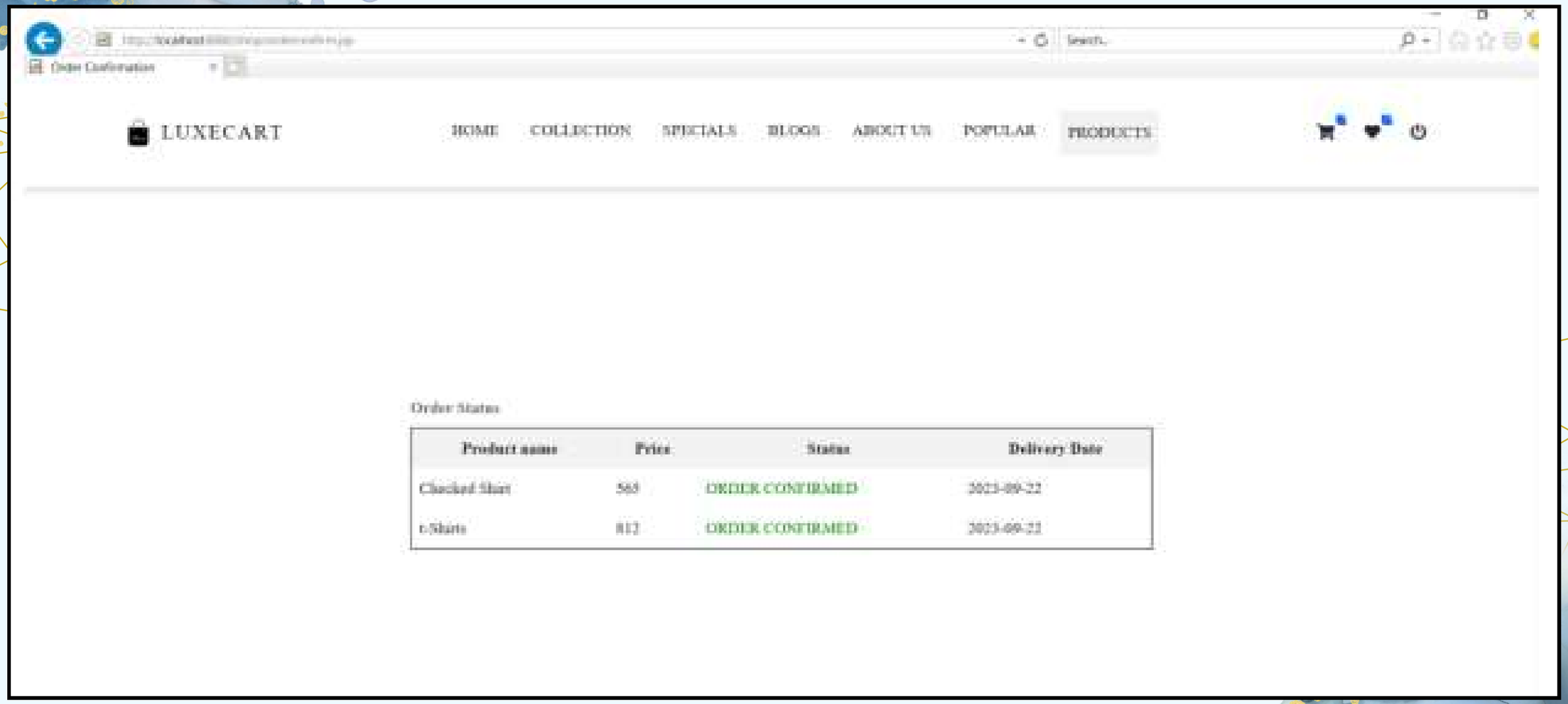
Toys :


LUXECART
HOME
COLLECTION
SPECIALS
BLOGS
ABOUT US
POPULAR
PRODUCTS
Talking Tom
Rs 629
Add to Cart
Toy Car
Rs 412
Add to Cart
Elsa Doll
Rs 565
Add to Cart
Helicopter
Rs 1012
Add to Cart

Cart:


LUXECART
HOME
COLLECTION
SPECIALS
BLOGS
ABOUT US
POPULAR
PRODUCTS
Product name
Price
Action
Checked Shirt
569
Remove
t-Shirts
812
Remove
TOTAL
1377
Order Now

Order Status :



Database Table

A table is created for storing the user details. It stores the username, password, mobile number, and email id of the users.

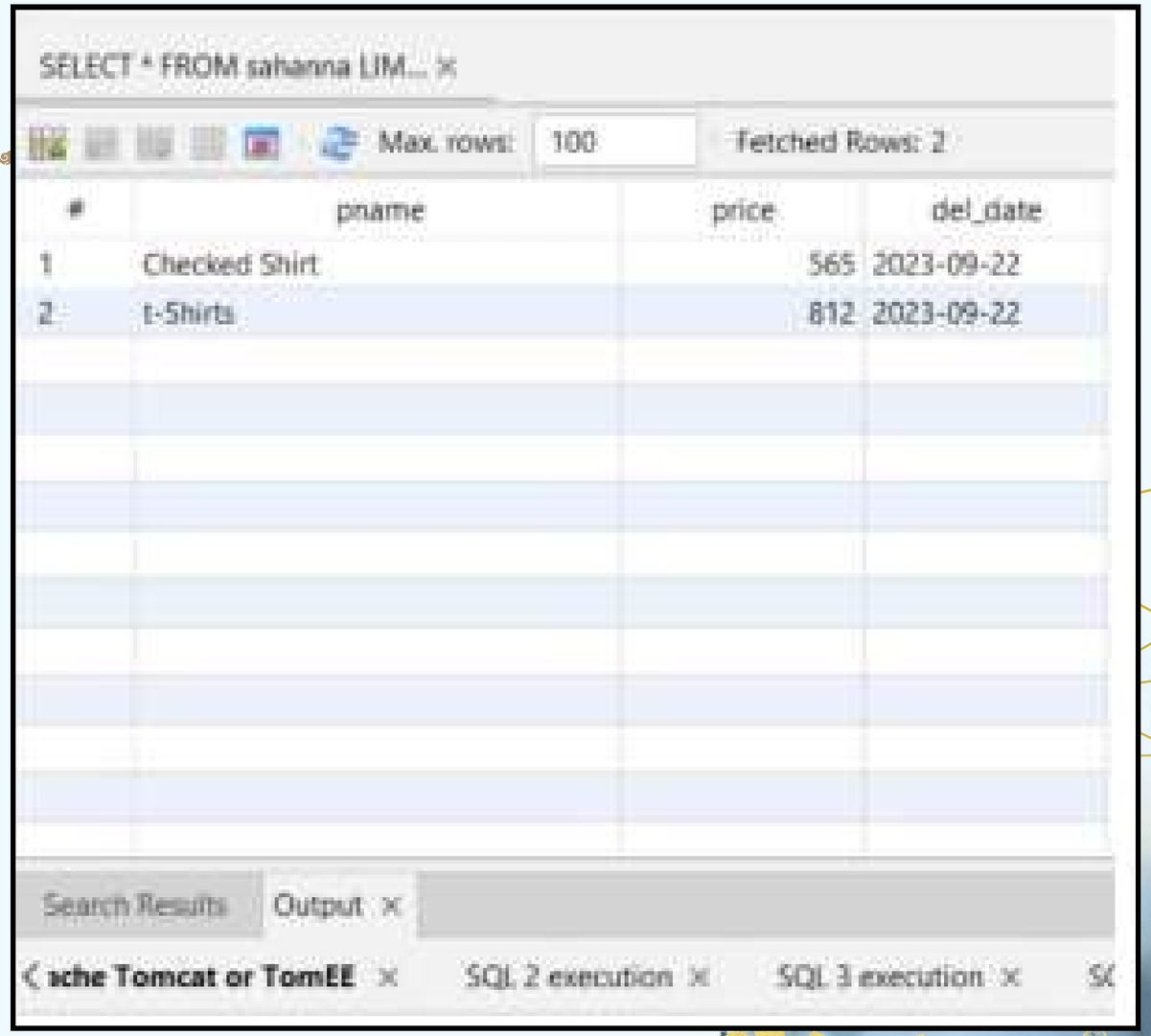
SELECT * FROM `user` LIMI... ×

Max. rows: 100 Fetched Rows: 2

#	uname	upwd	umobile	uemail
1	sahanna	123	8056147886	saha@gmail.com
2	Dimple	dolly	8765421309	dim@gmail.com

Database screenshot

A table is created for each user with the table name as their username and it stores the productname (pname), price, and delivery date(del_date).



Conclusion :

- The project entitled Online shopping system was completed successfully.The system has been developed with much care and free of errors and at the same time it is efficient and less time consuming.
- The purpose of this project was to develop a web application and an android application for purchasing items from a shop.
- This project helped us in gaining valuable information and practical knowledge on several topics like designing web pages using html & css, usage of responsive templates, designing of android applications, and management of databases using mysql.
- The entire system is secured. Also the project helped us understand about the development phases of a project and software development life cycle.
- We learned how to test different features of a project.System may keep track of the history of purchases of each customer and provide suggestions based on their history.
- These features could have been implemented unless time did not limit us.

REFERENCES

[1] https://www.w3schools.in/jsp/tutorials/

[2] https://www.geeksforgeeks.org/introduction-to-jdbc/

[3] Mcgraw Hill's , Java : The complete reference 7thEdition, Herbert Schildit

THANK YOU