



**Department of Computer Science
Gujarat University**

**5 Year Integrated M.Sc.(Computer Science)
Semester - V**

Shop Zone

Presented By:

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Under the Guidance of :
Dr. Jigna Satani



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Project Profile

Name Of The Project	Shop Zone
Aim	Making an Online Store for All Your Fashion Needs
Tools, Technology and framework	HTML ,CSS ,MYSQL , Bootstrap, JSP , JDBC, Servlet
Duration	(6 months)
Minimum software and hardware requirements	Windows Operating System, Internet Connection RAM: 4GB Browser
Team size	4 members
Team members	Mansuri Aasima (50035) Shah Khushi (50083) Shah Krisa (50084) Vachheta Jinal (50104)



Project Description

- **Introduction**

Shop Zone is dedicated to offering a wide range of high-quality clothes for men, women, and children. Our goal is to provide a convenient, user-friendly, and enjoyable shopping experience for everyone.

- **Key features:**

- Product sorting by category , discount, color, and price.
- User-friendly account registration and login.
- Shopping cart management and order placement.
- We offer a secure payment option with Cash on Delivery
- Role-based access for Customers, Admins, and Delivery Person.



Project Description

- **Scope**

Shop Zone is a simple platform where customers can easily browse, filter, and buy fashion products. It allows users to register, manage their cart and place orders. Admins manage products and orders, while delivery person update delivery details. In the future, we will include improved payment options and order tracking.



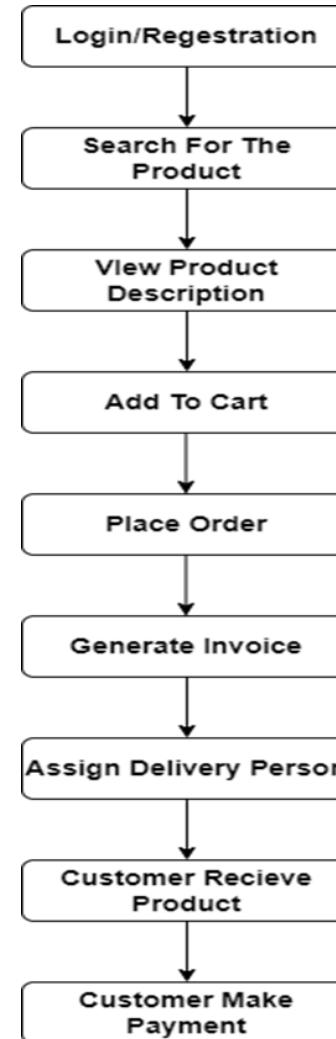
Project Description

• Methodology

- **Requirement Gathering:** Identifying features like product browsing, account management, and order processing.
- **System Design:** Creating diagrams to plan the system's structure and workflow.
- **Development:** Building the platform using HTML, CSS, JSP, JDBC, Servlets , Bootstrap, and MySQL.
- **Testing:** Ensuring functionality, usability, and security.
- **Future Enhancements:** Planning upgrades like better payment options and real-time tracking.



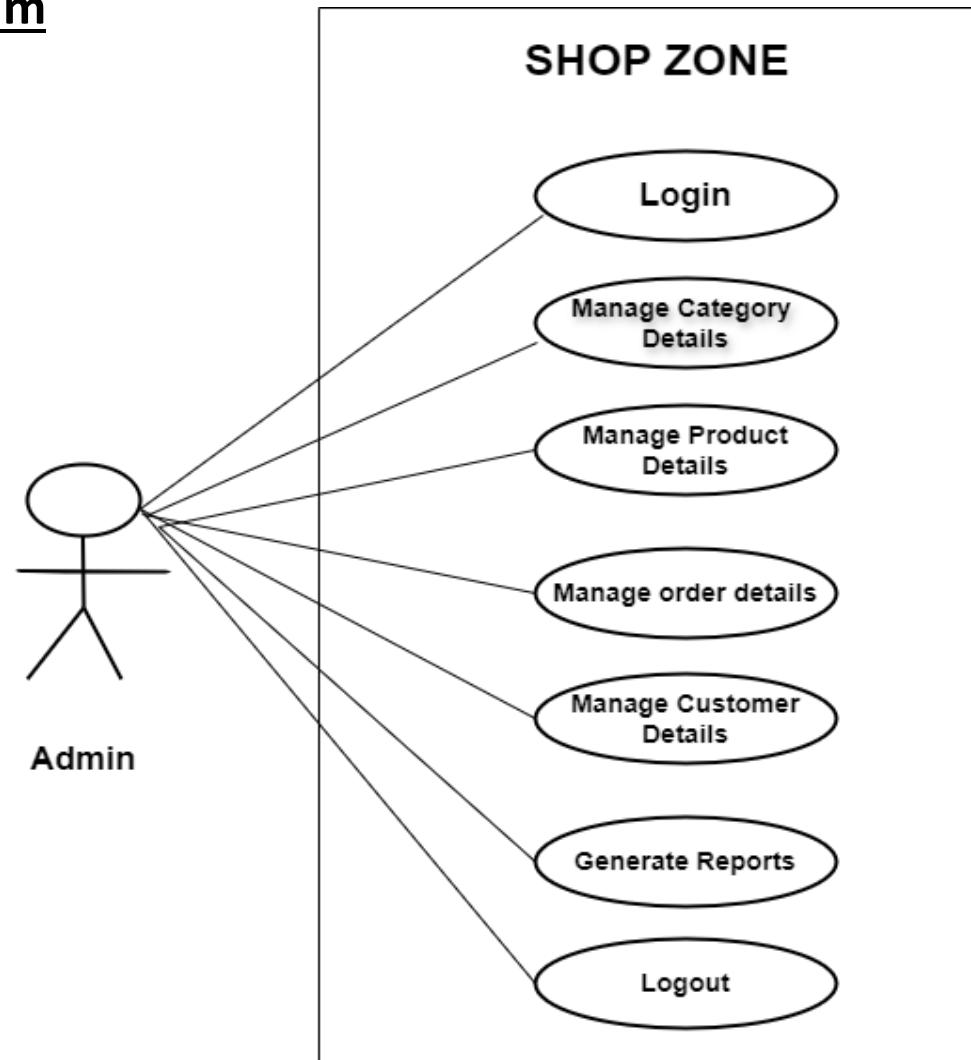
Flow of System





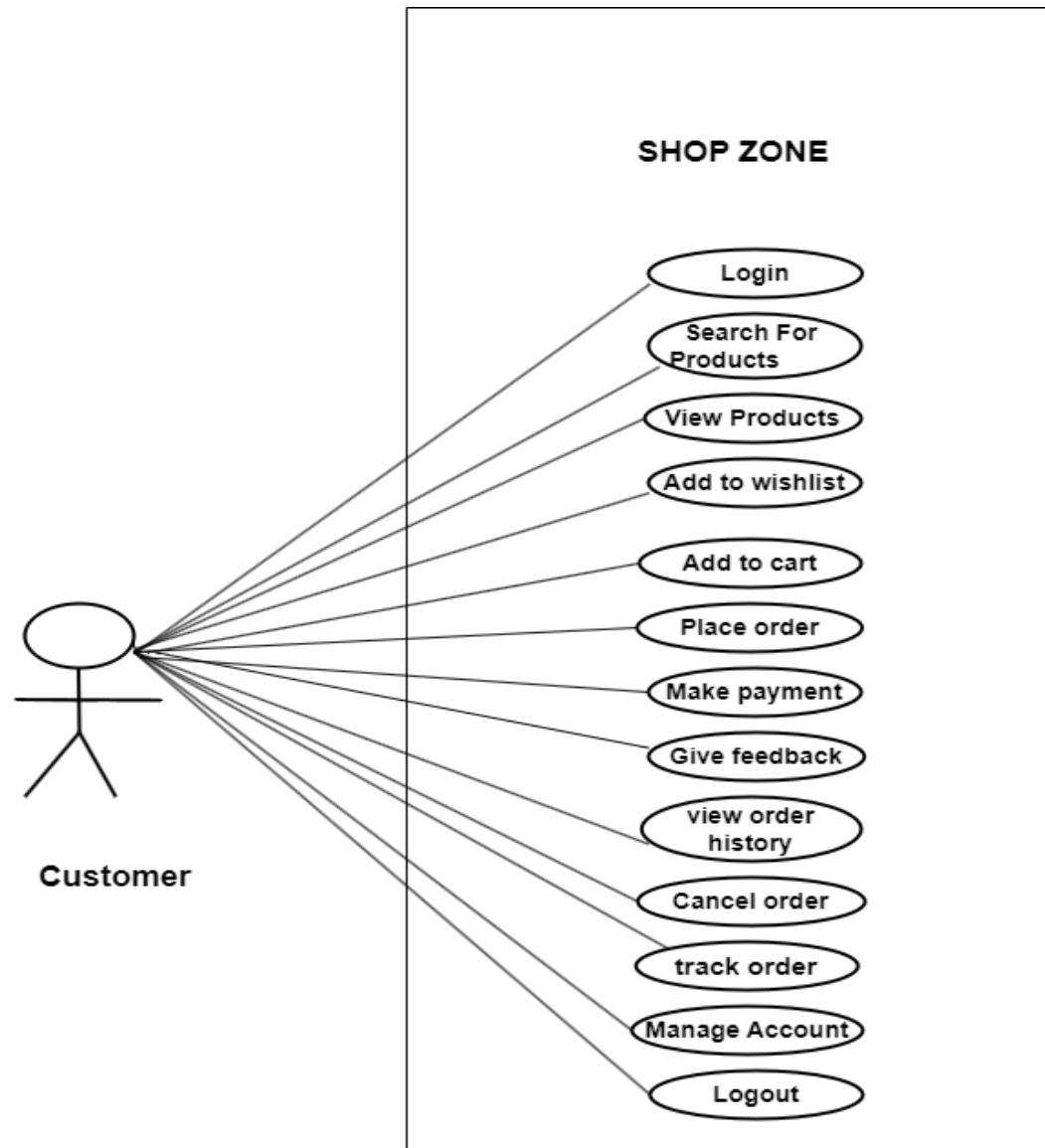
System Architecture

- Use case diagram



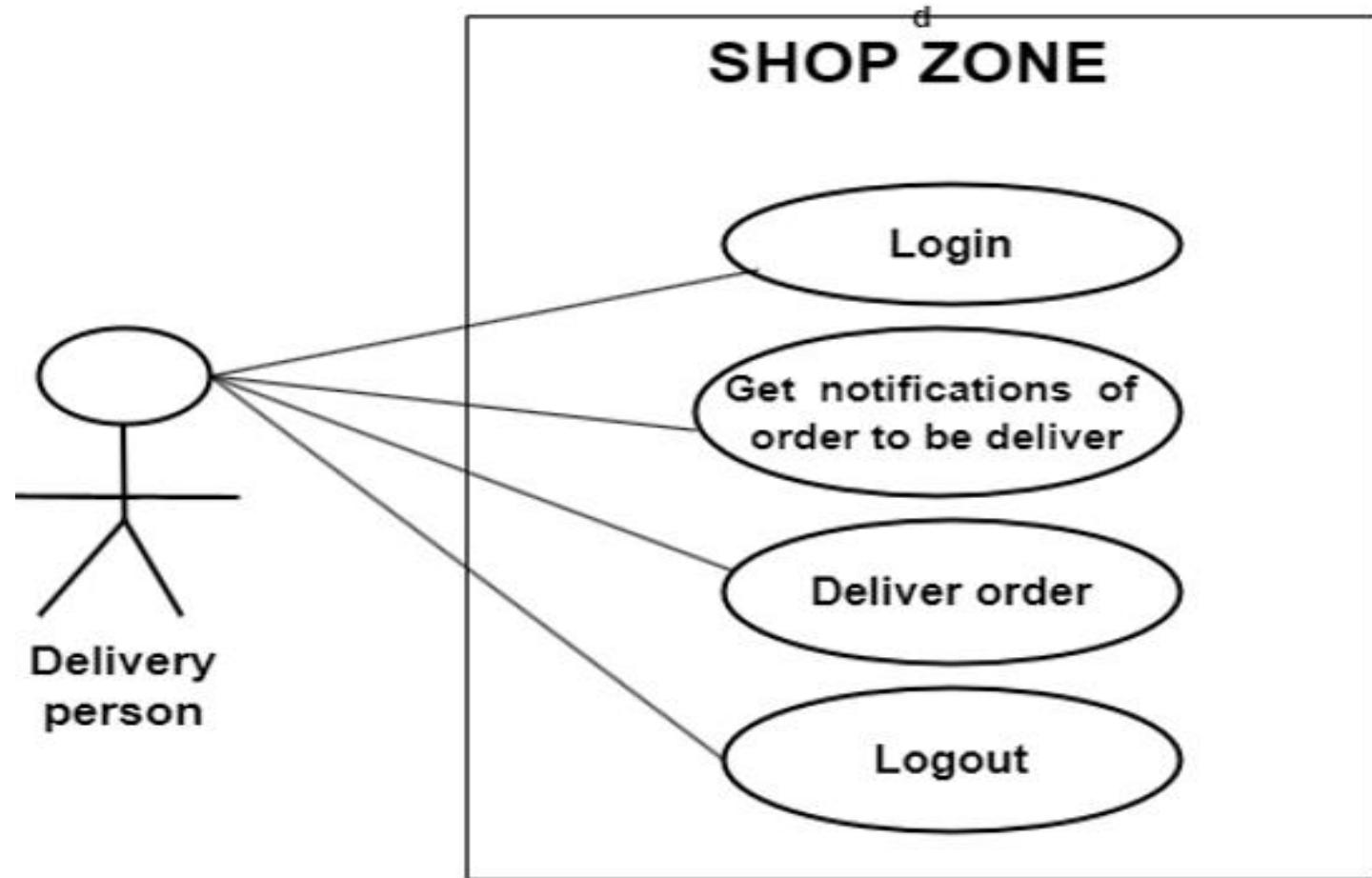


use case diagram of customer



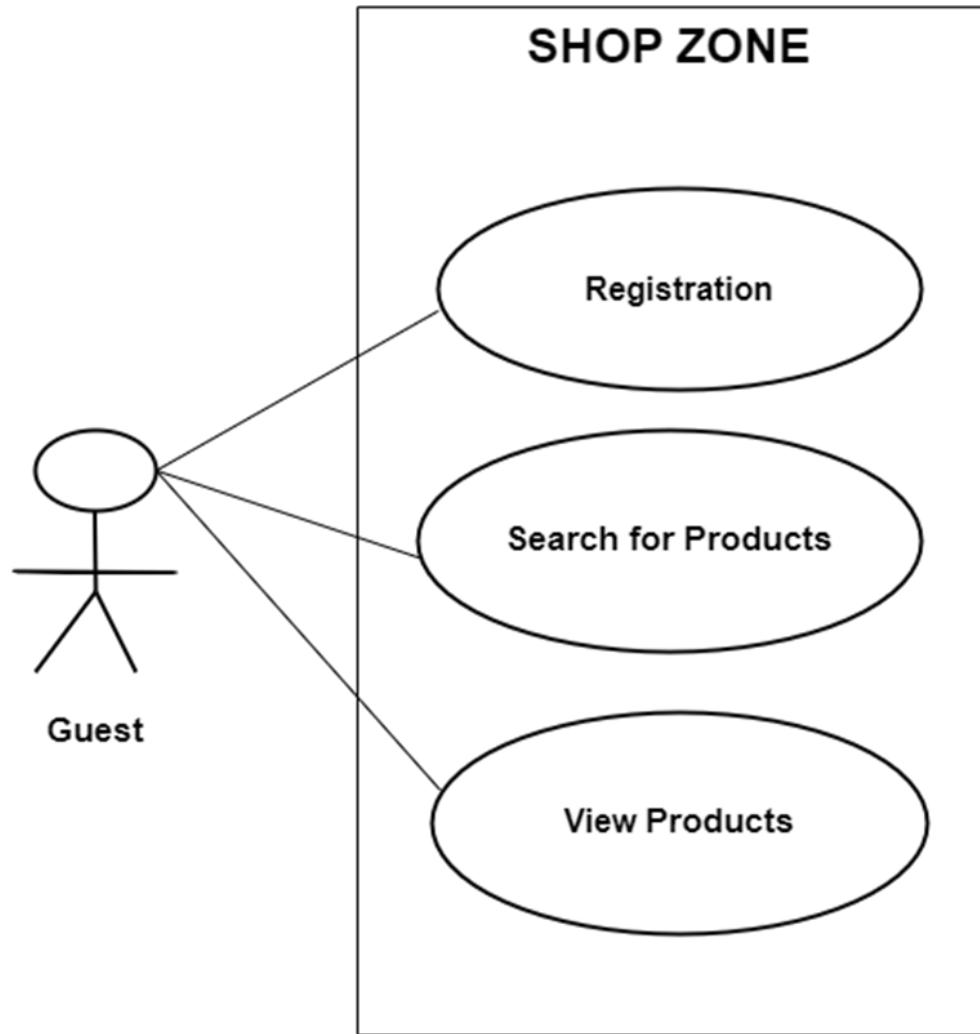


use case diagram of delivery person





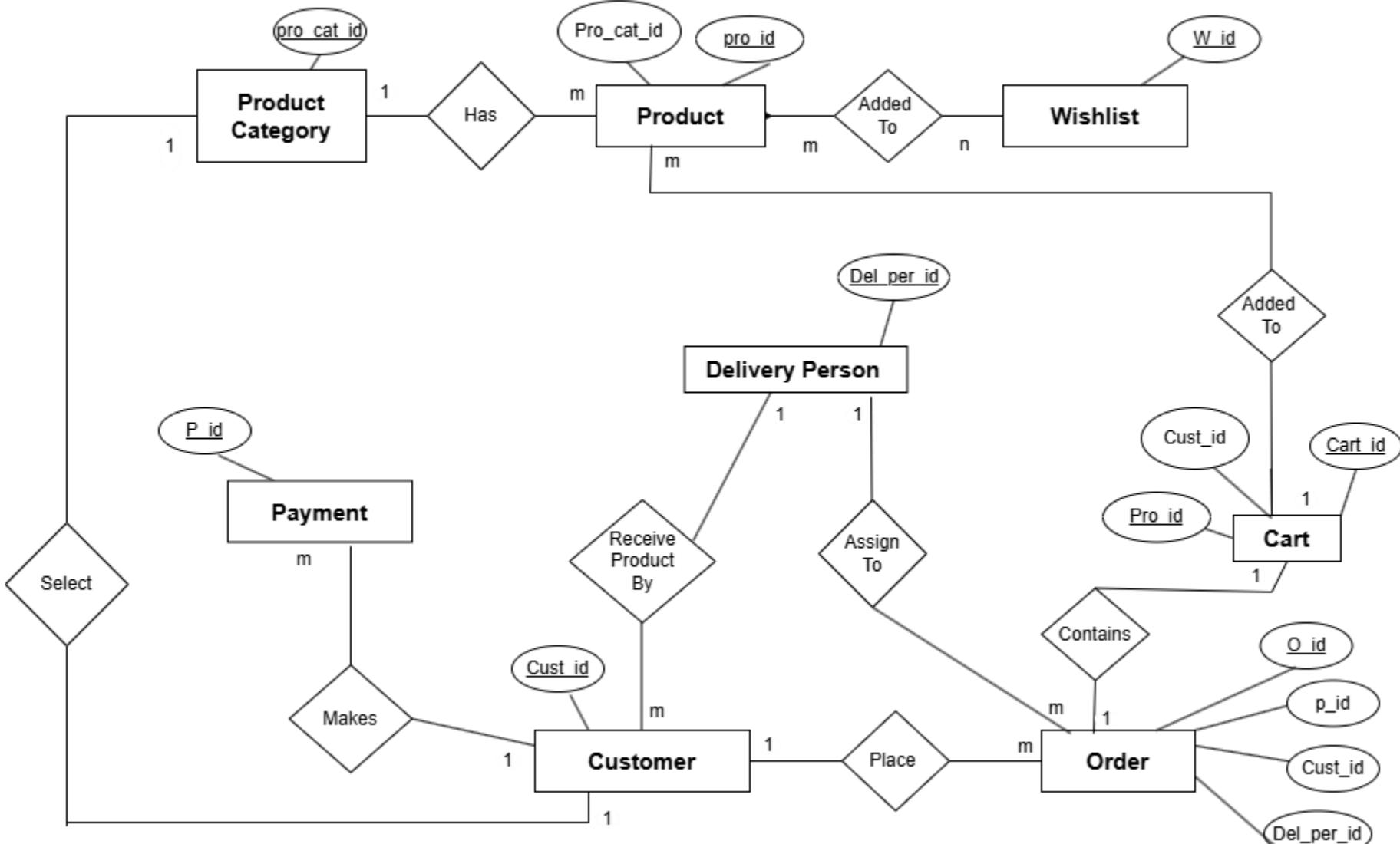
use case diagram of guest





System Design

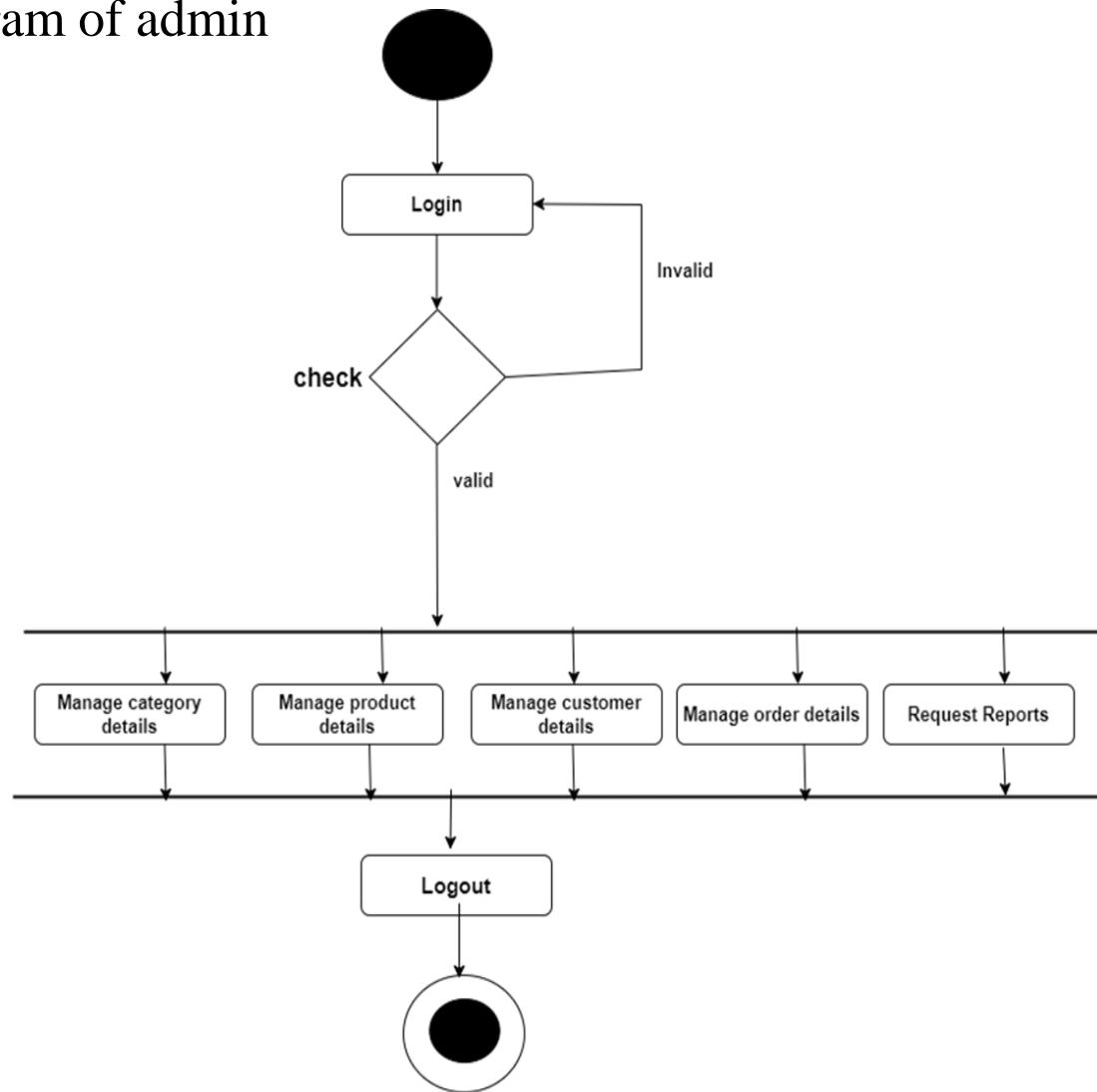
- ER diagram





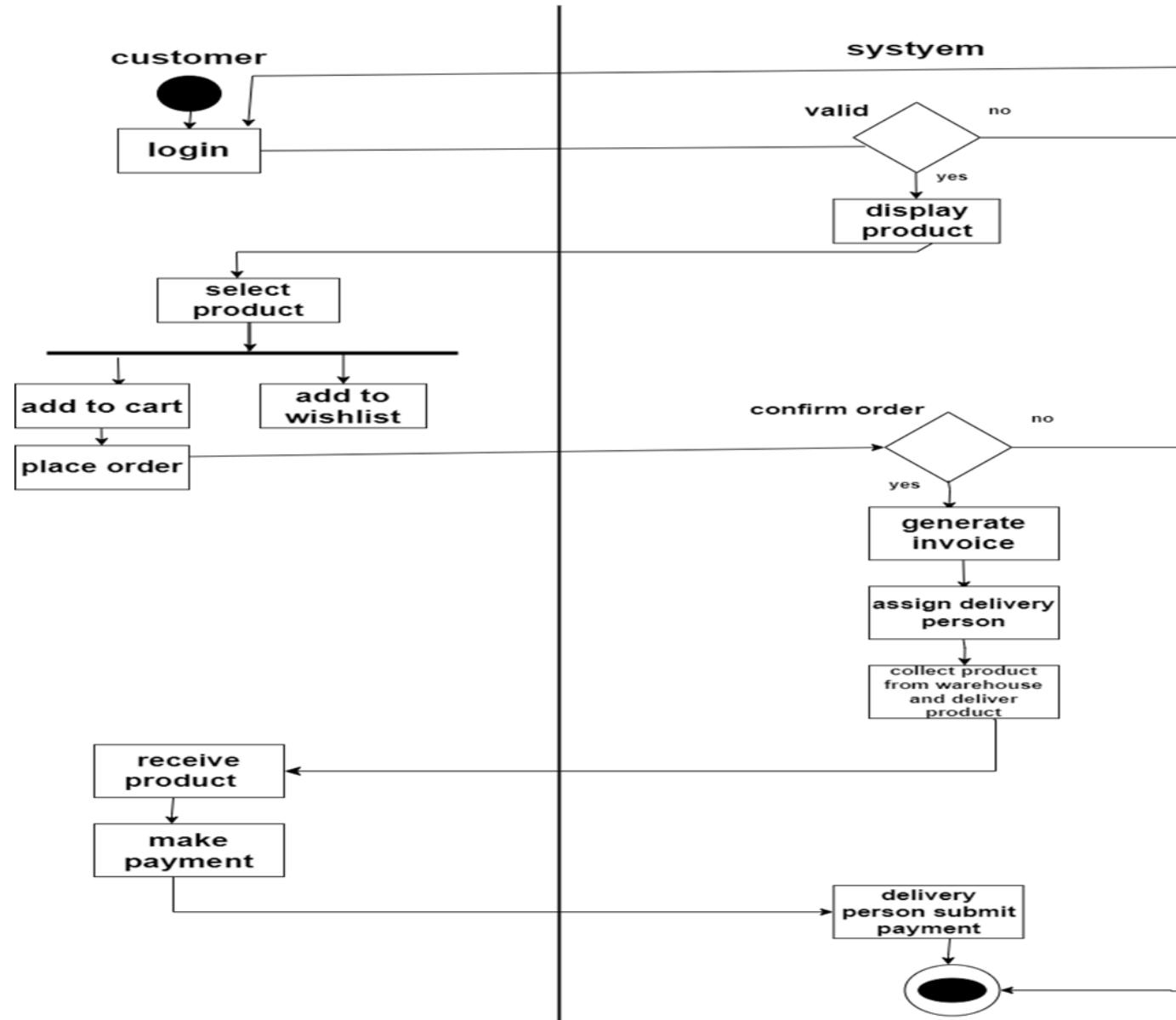
Activity diagrams

- Activity diagram of admin





Activity Diagram of User(customer , system)



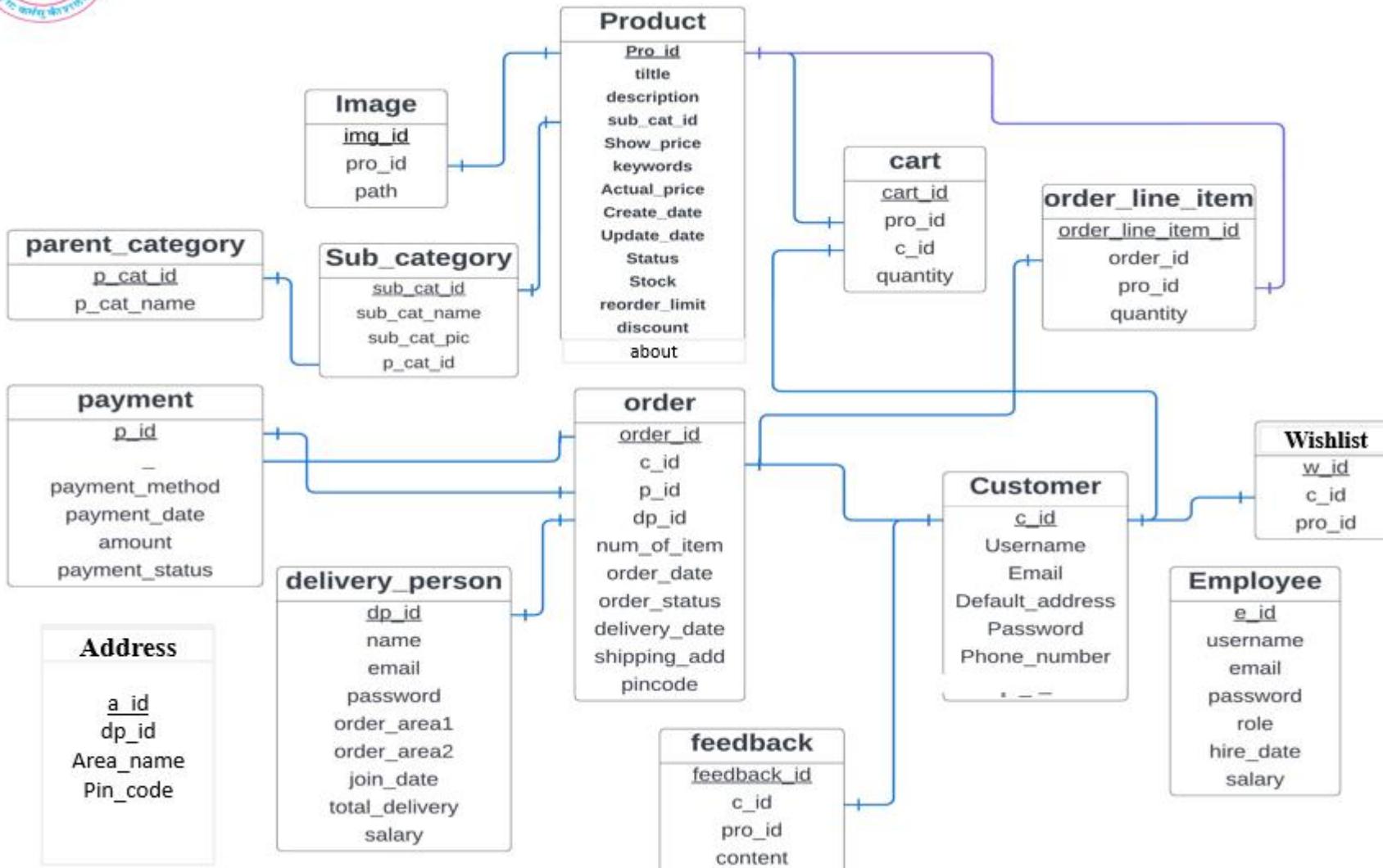


Module hierarchy





Data Dictionary





Product table

Field	Type	Null	Key	Default	Extra
pro_id	int	NO	PRI	NULL	auto_increment
title	varchar(255)	NO		NULL	
description	varchar(255)	YES		NULL	
sub_cat_id	int	YES	MUL	NULL	
keywords	varchar(255)	YES		NULL	
show_price	decimal(10,2)	YES		NULL	
actual_price	decimal(10,2)	YES		NULL	
stock	int	YES		NULL	
pro_status	int	YES		NULL	
reorder_limit	int	YES		NULL	
discount	decimal(5,2)	YES		NULL	
create_date	date	YES		NULL	
update_date	date	YES		NULL	
about	varchar(255)	NO		NULL	
color	varchar(20)	YES		NULL	
discounted...	decimal(10,2)	YES		NULL	



Customer table

Field	Type	Null	Key	Default	Extra
c_id	int	NO	PRI	NULL	auto_increment
username	varchar(100)	NO		NULL	
email	varchar(100)	YES		NULL	
default_address	varchar(255)	YES		NULL	
password	varchar(255)	YES		NULL	
phone_number	varchar(15)	YES		NULL	
default_area	varchar(25)	YES		NULL	



Address table

Field	Type	Null	Key	Default	Extra
a_id	int	NO	PRI	NULL	auto_increment
dp_id	int	YES	MUL	NULL	
area_name	varchar(50)	YES		NULL	
pin_code	varchar(8)	YES		NULL	



Cart table

Field	Type	Null	Key	Default	Extra
cart_id	int	NO	PRI	NULL	auto_increment
pro_id	int	YES	MUL	NULL	
c_id	int	YES	MUL	NULL	
quantity	int	YES		NULL	



Delivery person table

Field	Type	Null	Key	Default	Extra
dp_id	int	NO	PRI	NULL	auto_increment
name	varchar(100)	YES		NULL	
email	varchar(100)	YES		NULL	
password	varchar(100)	YES		NULL	
order_area1	varchar(100)	YES		NULL	
order_area2	varchar(100)	YES		NULL	
join_date	date	YES		NULL	
total_delivery	int	YES		NULL	
salary	decimal(10,2)	YES		NULL	



Employee table

Field	Type	Null	Key	Default	Extra
e_id	int	NO	PRI	NULL	auto_increment
username	varchar(100)	YES		NULL	
email	varchar(100)	YES		NULL	
password	varchar(255)	YES		NULL	
role	varchar(50)	YES		NULL	
hire_date	date	YES		NULL	
salary	decimal(10,2)	YES		NULL	



Feedback table

Field	Type	Null	Key	Default	Extra
feedback_id	int	NO	PRI	NULL	auto_increment
c_id	int	YES	MUL	NULL	
pro_id	int	YES	MUL	NULL	
content	varchar(255)	YES		NULL	
rating	int	YES		NULL	



Image table

Field	Type	Null	Key	Default	Extra
img_id	int	NO	PRI	NULL	auto_increment
path	varchar(255)	NO		NULL	
pro_id	int	YES	MUL	NULL	
created_at	timestamp	YES		CURRENT_TIMESTAMP	DEFAULT_GENERATED on update CURRENT_TI...



Order line-item table

Field	Type	Null	Key	Default	Extra
order_line_item_id	int	NO	PRI	NULL	auto_increment
order_id	int	YES	MUL	NULL	
pro_id	int	YES	MUL	NULL	
quantity	int	YES		NULL	
prize	decimal(10,2)	YES		NULL	



Order table

Field	Type	Null	Key	Default	Extra
order_id	int	NO	PRI	NULL	auto_increment
p_id	int	YES	MUL	NULL	
c_id	int	YES	MUL	NULL	
dp_id	int	YES	MUL	NULL	
order_status	varchar(100)	YES		NULL	
num_of_items	int	YES		NULL	
order_date	date	YES		NULL	
pincode	varchar(6)	YES		NULL	
delivery_date	date	YES		NULL	
shipping_address	varchar(255)	YES		NULL	



Parent Category table

	Field	Type	Null	Key	Default	Extra
▶	p_cat_id	int	NO	PRI	NULL	auto_increment
	p_cat_name	varchar(100)	NO		NULL	



Payment table

Field	Type	Null	Key	Default	Extra
p_id	int	NO	PRI	NULL	auto_increment
payment_method	varchar(50)	YES		NULL	
payment_date	date	YES		NULL	
amount	decimal(10,2)	YES		NULL	
payment_status	varchar(50)	YES		NULL	
payment_submit_date	datetime	YES		NULL	



Sub category table

Field	Type	Null	Key	Default	Extra
pro_id	int	NO	PRI	NULL	auto_increment
title	varchar(255)	NO		NULL	
description	varchar(255)	YES		NULL	
sub_cat_id	int	YES	MUL	NULL	
keywords	varchar(255)	YES		NULL	
show_price	decimal(10,2)	YES		NULL	
actual_price	decimal(10,2)	YES		NULL	
stock	int	YES		NULL	
pro_status	int	YES		NULL	
reorder_limit	int	YES		NULL	
discount	decimal(5,2)	YES		NULL	
create_date	date	YES		NULL	
update_date	date	YES		NULL	
about	varchar(255)	NO		NULL	
color	varchar(20)	YES		NULL	
discounted...	decimal(10,2)	YES		NULL	



Wishlist table

Field	Type	Null	Key	Default	Extra
w_id	int	NO	PRI	NULL	auto_increment
c_id	int	YES	MUL	NULL	
pro_id	int	YES	MUL	NULL	



Home Page

SHOP ZONE

localhost:8080/template_2_shop_zone/index.jsp

Welcome romil

Categories Home My Account 0 Cart 2

Men Fashion

Shop Now

Kid Fashion

Shop Now

Women Fashion

Shop Now

25°C Smoke

Search

15:48 24-12-2024



Home Page

SHOP ZONE

localhost:8080/template_2_shop_zone/index.jsp

All Bookmarks

SHOP BY CATEGORY

MEN



Jackets & Coats



Jeans



Nehru Jackets



Shirts



Sweatshirts & Hoodies



T-shirts



Track Pants



Trousers

WOMEN



Blouses



Dupattas



froks



Kurtas



Leggings



Salwars



Sarees



Skirts & Ghagras

25°C Smoke

Search

24-12-2024



Home Page

documentation - Google Docs documentation SHOP ZONE

localhost:8080/template_2_shop_zone/index.jsp

All Bookmarks

nightwear shorts

GET IN TOUCH

At Shop Zone, we offer a wide variety of stylish and comfortable clothing for men, women, and kids. From trendy outfits to classic wardrobe essentials. Explore our collection and find the perfect pieces for you and your family!

j-112, shivalik complex, new-ranip road, ahmedabad, gujarat, india

shop_zone@gmail.com

localhost:8080/template_2_shop_zone/shop.jsp?filter_option_gender=2&category=16

NZ - SL Game score

Search

ENG IN 17:21 30-12-2024



Sign UP Page

Shop Zone - Sign Up

localhost:8080/template_2_shop_zone/signup.jsp

All Bookmarks

SHOP ZONE

name *

email address *

password *

SIGN UP

Already registered? Sign in

25°C
Smoke

Search

24-12-2024



Login Page



Shop Page



Regular Fit Shirt

Rs. 768 ~~Rs. 800~~ (4 % OFF)

ADD TO BAG

WISHLIST

shop / men / Shirts



Blend Men Hooded Sweatshirt NOBERO Cotto...

Rs. 1350 ~~Rs. 1500~~ (10 % OFF)

ADD TO BAG

WISHLIST

shop / men / Sweatshirts & Hoodies



Men Crew Neck Sweatshirt

Rs. 900 ~~Rs. 1000~~ (10 % OFF)

ADD TO BAG

WISHLIST

shop / men / Sweatshirts & Hoodies



Shop Page

SHOP ZONE

Search

Welcome U

Categories ▾ Home My Account

GENDER

men

CATEGORIES

MEN

- Jackets & Coats
- Jeans
- Shirts
- Sweatshirts & Hoodies
- Track Pants
- T-shirts
- Nehru Jackets
- Trousers

Modi Waistcoat/Nehru Jacket
Rs. 2700 Rs. 3000 (10 % OFF)

ADD TO BAG **WISHLIST**

shop / men / Nehru Jackets

Ethnic Jacket-Waistcoat for Men
Rs. 1940 Rs. 1999 (3 % OFF)

ADD TO BAG **WISHLIST**

shop / men / Nehru Jackets



Shop Page

SHOP ZONE

Categories ▾ Home

Women Fashion

Shop Now

□ □ □



Shop Page

SHOP ZONE

Welcome romil

Categories Home My Account ① ②

GENDER

women

CATEGORIES

WOMEN

- Kurtas
- Salwars
- Sarees
- Dupattas
- Blouses
- Leggings

localhost:8080/template_2_shop_zone/shop.jsp?filter_option_gender=2

Women's Elegant Navy Blue Paisley Kurta
Rs. 1964 Rs. 2231 (12 % OFF)
[ADD TO BAG](#) [WISHLIST](#)

Calf Length Striped Front Slit Kurti
Rs. 2440 Rs. 4000 (39 % OFF)
[ADD TO BAG](#) [WISHLIST](#)

Womens Kanjivaram Banarasi Silk Saree
Rs. 1083 Rs. 1230 (12 % OFF)
[ADD TO BAG](#) [WISHLIST](#)

localhost:8080/template_2_shop_zone/product_detail.jsp?pro_id=22

25°C Smoke

Search

24-12-2024 15:50



Shop Page

grid Gmail YouTube Maps 10+ Funny Convers...

women

CATEGORIES

WOMEN

- Kurtas
- Salwars
- Sarees
- Dupattas
- Blouses
- Leggings
- Skirts & Ghagras
- froks

Anarkali Printed Kurta with Palazzo & Dupatta
Rs. 4753 Rs. 4900 (3 % OFF)
[ADD TO BAG](#) [WISHLIST](#)
shop / women / Salwars

orange Anarkali Solid Kurta with Pant & Dupat...
Rs. 6090 Rs. 7000 (13 % OFF)
[ADD TO BAG](#) [WISHLIST](#)
shop / women / Salwars

Embroidered Angarkha Kurta Pant With Dupat...
Rs. 4896 Rs. 5100 (4 % OFF)
[ADD TO BAG](#) [WISHLIST](#)
shop / women / Salwars

shop / women / Salwars

shop / women / Salwars



Shop Page

SHOP ZONE

Search

Welcome User

Categories ▾

Home

[My Account](#)

GENDER

women

CATEGORIES

WOMEN

- Kurtas
- Salwars
- Sarees
- Dupattas
- Blouses
- Leggings
- Skirts & Ghagras
- froks

Womens Kanjivaram Banarasi Silk Saree
Rs. 1083 Rs. 1230 (12 % OFF)

[ADD TO BAG](#) [WISHLIST](#)

shop / women / Sarees

Soft Cotton & Silk Saree
Rs. 2700 Rs. 3000 (10 % OFF)

[ADD TO BAG](#) [WISHLIST](#)

shop / women / Sarees

Printed Saree with Blouse Piece
Rs. 4341 Rs. 4569 (5 % OFF)

[ADD TO BAG](#) [WISHLIST](#)

shop / women / Sarees



Shop Page

SHOP ZONE

Search

Welcome User

[Categories](#) [Home](#) [My Account](#) [Heart \(0\)](#) [Cart \(0\)](#)

GENDER

girl_kid

CATEGORIES

GIRL_KID

jogger set
 hoodie
 flare dress

Girl's Cotton Hooded Sweatshirt
Rs. 7125 Rs. 9500 (25 % OFF)
[ADD TO BAG](#) [WISHLIST](#)
shop / girl_kid / hoodie

Clothing Cotton Hooded Sweatshirt for Girls
Rs. 4920 Rs. 6000 (18 % OFF)
[ADD TO BAG](#) [WISHLIST](#)
shop / girl_kid / hoodie

Hooded Sweatshirt
Rs. 2821 Rs. 3100 (9 % OFF)
[ADD TO BAG](#) [WISHLIST](#)
shop / girl_kid / hoodie



Shop Page

girl_kid

CATEGORIES

- GIRL_KID
 - jogger set
 - hoodie
 - flare dress



One Shoulder Crepe Fit & Flare SKU Blue Tren...

Rs. 1840 Rs. 2000 (8 % OFF)

[ADD TO BAG](#) [WISHLIST](#)

shop / girl_kid / flare dress



Fashion Dream Girl's Printed Maxi Length Dre...

Rs. 2002 Rs. 2200 (9 % OFF)

[ADD TO BAG](#) [WISHLIST](#)

shop / girl_kid / flare dress



Baby Girl Knee Length Casual Dress

Rs. 5184 Rs. 6400 (19 % OFF)

[ADD TO BAG](#) [WISHLIST](#)

shop / girl_kid / flare dress





Shop Page

SHOP ZONE

Search

Welcome User

Categories ▾

Home

My Account Heart 0 Cart 0

GENDER

boy_kid

CATEGORIES

BOY_KID

shorts

nightwear

tracksuit

Tracksuit for Kid's

Rs. 1786 Rs. 1900 (6 % OFF)

[ADD TO BAG](#) [WISHLIST](#)

shop / boy_kid / tracksuit

Tracksuit For Kids

Rs. 3444 Rs. 4100 (16 % OFF)

[ADD TO BAG](#) [WISHLIST](#)

shop / boy_kid / tracksuit

cordset tracksuit

Rs. 2046 Rs. 2200 (7 % OFF)

[ADD TO BAG](#) [WISHLIST](#)

shop / boy_kid / tracksuit



Shop Page

Gmail YouTube Maps 10+ Funny Convers...

boy_kid

CATEGORIES

BOY_KID

- shorts
- nightwear
- tracksuit



Pyjama Set for Boys

Rs. 1350 Rs. 1500 (10 % OFF)

ADD TO BAG

WISHLIST

shop / boy_kid / nightwear



Night Dress for Boys

Rs. 7275 Rs. 9700 (25 % OFF)

ADD TO BAG

WISHLIST

shop / boy_kid / nightwear



Mickey Print Nightsuit for Kids

Rs. 1786 Rs. 1900 (6 % OFF)

ADD TO BAG

WISHLIST

shop / boy_kid / nightwear





Product Detail Page

Screenshot of a product detail page from MultiShop - Online Shop Web.

The URL in the browser is localhost:8080/template_2_shop_zone/product_detail.jsp?pro_id=22.

The page title is "MultiShop - Online Shop Web".

Welcome romil

Categories Home My Account 0 Cart 3

SHOP ZONE



Women's Elegant Navy Blue Paisley Kurta
Rs. 1964 ~~Rs. 2231~~ (12 % OFF)

Product Description:
Chemistry Women's Elegant Navy Blue Paisley Kurta | Soft Viscose Fabric | Flowy and Comfortable | Crochet Trim for Feminine Detail | Flattering Regular Fit | Versatile Ethnic Look

Add To Cart Add To Wishlist Buy Now

About this Product
Premium Viscose Fabric: The Chemistry Women's Regular Fit Navy Blue Viscose Paisley Printed Kurta with Crochet Trimming is crafted from high-quality viscose fabric, known for its luxurious

25°C Smoke Search

15:50 ENG IN 24-12-2024



Cart

SHOP ZONE

localhost:8080/template_2_shop_zone/cust_cart.jsp

Welcome romil

Categories Home My Account ① ③

CART

Select All	Products	Price	Quantity	Total	Remove	Move to Wishlist
	 16000.0 <input type="checkbox"/> Calf Length Striped Front Slit Kurti	Rs. 4000.0	- 4 +	Rs. 16000.0		
	 3690.0 <input type="checkbox"/> Calf Length Striped Front Slit Kurti	Rs. 1230.0	- 3 +	Rs. 3690.0		

25°C Smoke

Search

15:51 24-12-2024



Cart

SHOP ZONE

localhost:8080/template_2_shop_zone/cust_cart.jsp

All Bookmarks

3690.0 □ Rs. 1230.0 - 3 + Rs. 3690.0 X Heart

Womens Kanjivaram Banarasi Silk Saree

2231.0 □ Rs. 2231.0 - 1 + Rs. 2231.0 X Heart

Women's Elegant Navy Blue Paisley Kurta

CART SUMMARY

Selected products	Rs. 0
-------------------	-------

TOTAL CART VALUE: 21921.0

Proceed to Checkout

25°C Smoke

Search

Windows taskbar icons: File Explorer, Edge, Chat, Task View, Settings, Google Chrome, Microsoft Store, Control Panel, File History, Task Scheduler, Task Manager.

System tray icons: Battery, Network, Volume, Language (ENG IN), Date (24-12-2024), Time (15:52).



Wish list

SHOP ZONE

localhost:8080/template_2_shop_zone/wish_list.jsp

Welcome romil

Categories Home My Account ①

WISHLIST

Products	Price	Move To Cart	Remove
Calf Length Striped Front Slit Kurti	Rs. 4000.0	<button>Move to Cart</button>	<button>X</button>
Womens Kanjivaram Banarasi Silk Saree	Rs. 1230.0	<button>Move to Cart</button>	<button>X</button>

25°C Smoke

Search

15:52 24-12-2024



Product Detail Page

Screenshot of a product detail page from a web browser.

The browser title bar shows "MultiShop - Online Shop Web" and the URL "localhost:8080/template_2_shop_zone/product_detail.jsp?pro_id=22".

The page header includes a "SHOP ZONE" logo, a "Categories" dropdown, a "Home" link, a "Welcome romil" message, and a "My Account" button with a heart icon (0) and a shopping cart icon (3).

The main content area displays a product image of a woman wearing a Women's Elegant Navy Blue Paisley Kurta, followed by the product details:

Women's Elegant Navy Blue Paisley Kurta
Rs. 1964 Rs. 2231 (12 % OFF)

Product Description:
Chemistry Women's Elegant Navy Blue Paisley Kurta | Soft Viscose Fabric | Flowy and Comfortable | Crochet Trim for Feminine Detail | Flattering Regular Fit | Versatile Ethnic Look

Add To Cart **Add To Wishlist** **Buy Now**

About this Product
Premium Viscose Fabric: The Chemistry Women's Regular Fit Navy Blue Viscose Paisley Printed Kurta with Crochet Trimming is crafted from high-quality viscose fabric, known for its luxurious

The taskbar at the bottom shows various application icons and system status indicators, including the date "24-12-2024" and time "15:50".



Check out Page

Screenshot of a web-based shopping cart checkout page.

The page title is "documentation - Google Docs" and the tab title is "documentation". The URL is "localhost:8080/template_2_shop_zone/checkout.jsp?cart_ids=55,61,62".

BILLING ADDRESS

Products	Price	Quantity	Total
 Calf Length Striped Front Slit Kurti	Rs. 3640	1	Rs. 3640
 MUFTI Mens Ankle Length Jeans	Rs. 2134	1	Rs. 2134
 Denim Baggy Jeans	Rs. 1824	1	Rs. 1824

E-mail: krina@gmail.com

Address: 123 Street

State: Gujarat

City: Ahmedabad

Search Area: Select Area

Total Amount: Rs. 7598.0

PAYMENT BY

Cash on Delivery

Place Order

System tray icons include: Air Moderate Now, Search, File Explorer, Paint, Control Panel, File Manager, Edge, WhatsApp, Task Manager, Chrome, and others. Language settings show ENG IN. Date and time: 17:25 30-12-2024.



Order History Page

documentation - Google Docs documentation SHOP ZONE

localhost:8080/template_2_shop_zone/order_history.jsp

SHOP ZONE

Welcome krina

Categories Home My Account ① ③

ORDER HISTORY

Order ID	Order Date	Total Amount	Order Status	Number of Items in Order	See Order Details
6	2024-12-26	Rs. 2440	Order Placed	1	See Order Details
5	2024-12-26	Rs. 4880	Order Placed	2	See Order Details

GET IN TOUCH

At Shop Zone, we offer a wide variety of stylish and comfortable clothing for men, women, and kids. From trendy outfits to classic wardrobe essentials. Explore our

Watchlist Ideas

Search

17:26
ENG IN 30-12-2024



Delivery Person Dashboard

Delivery Person - Login Delivery Person - Login Delivery Person's Dashboard

localhost:8080/shop_zone/delivery_person/dp_dashboard.jsp

ASUS Software Port... MyASUS Software ... McAfee LiveSafe Gmail YouTube Maps 1.js js3.html research paper - Go... Whack a Mole localhost/PHP/data... localhost/PHP/php_...

SHOP ZONE

Welcome jin

Manage Orders

Name	jin
Email	jin@gmail.com
Order Area 1	380007
Order Area 2	380013
Join Date	2024-12-25
Total Deliveries	0
Salary	5000.0

Windows Taskbar icons: Search, File Explorer, WhatsApp, Microsoft Edge, Microsoft Word, Microsoft Excel, Microsoft Powerpoint, Microsoft Outlook, Microsoft Teams, Microsoft Word, Microsoft Excel, Microsoft Powerpoint, Microsoft Edge, Microsoft Word, Microsoft Excel, Microsoft Powerpoint.

System tray: ENG IN, 15:00, 04-01-2025



Admin Dashboard

ADMIN LOGIN

email

*

password

*

LOGIN

Not registered? [Create an account](#)



Admin Dashboard

Admin Sign Up

Name

Email Address

Password

SIGN UP

Already registered? [Sign In](#)



Admin Dashboard

Admin Dashboard New Tab

localhost:8080/template_2_shop_zone/admin/admin_dashboard.jsp

All Bookmarks

Shop zone

Welcome, Admin xxx

Logout

Customer Total Customers: 20

Order Total Products: 31

Product Total Orders: 8

Category

Delivery Person

Report

Sales by Categories



Category	Sales
women	~36,000
men	~15,000
kid	~0

Monthly Sales



Month	Monthly Sales
2023-12	~2,000
2024-01	~13,500
2024-02	~2,500
2024-03	~11,000
2024-05	~7,000
2024-06	~3,500
2024-10	~3,500
2025-01	~9,000

WAS - NOP
Video highlight

Search

18:04
04-01-2025



Admin Dashboard

Screenshot of an Admin Dashboard titled "Shop zone" showing customer management. The page includes a "Logout" button and a "Back" button. A large central button says "MANAGE CUSTOMERS". Below is a table of customer data.

Customer ID	Username	Email	Total Orders	See Order History
1	jinal	jinal@gmail.com	0	No Orders
2	aasima	aasimamansuri56@gmail.com	0	No Orders
3	sujal	suujal@gmail.com	0	No Orders
4	jin	jin@gmail.com	0	No Orders
5	jinu	jinu@gmail.com	0	No Orders
6	poonam	poonam@gmail.com	0	No Orders
7	jjj	jjj@gmail.com	0	No Orders
8	aaa	aaa@gmail.xom	0	No Orders

System tray icons include: Finance headline (Trump blasts UK...), Search bar, File Explorer, Paint, File Manager, Microsoft Edge, Google Chrome, WhatsApp, Task View, Power User, and system status indicators (ENG IN, 18:06, 04-01-2025).



Admin Dashboard

Admin Dashboard New Tab localhost:8080/template_2_shop_zone/admin/product_management.jsp

Shop Zone

Logout Back

List of Products

Insert New Product

ID	Title	Image	Description	Keywords	Parent Category	Sub Category	M.R.P.	Actual Price	Stock	Reorder Limit	Discount	Status	Edit	Delete
35	Sleeve One Piece Western Dress		Miss ika Women's Printed Cotton Round Neck 3/4 Sleeve One Piece Western Dress	Miss ika Women's Printed Cotton Round Neck 3/4 Sleeve One Piece Western Dress pink white	women	frocks	1900.00	700.00	4 piece	3	6 %	Inactive	<button>Edit</button>	<button>Delete</button>
34	Knee-Length A-Line Dress		Amazon Brand - Myx Women's Rayon Knee-Length A-Line Dress	Amazon Brand - Myx Women's Rayon Knee-Length A-Line Dress yellow frok	women	frocks	3000.00	2000.00	4 piece	3	10 %	Active	<button>Edit</button>	<button>Delete</button>
33	Divided Skirts for Women		W for Woman W Stretchable Divided Skirts for Women	W for Woman W Stretchable Divided Skirts for Women	women	Skirts & Ghagras	2000.00	1000.00	7 piece	3	10 %	Active	<button>Edit</button>	<button>Delete</button>

Finance headline Trump blasts UK... Search 18:07 04-01-2025



Admin Dashboard

Insert Product New Tab

localhost:8080/template_2_shop_zone/admin/insert_product.jsp

All Bookmarks

Insert New Product

Title:

Description:

About:

Keywords:

Parent Category:

Sub Category:

Show Price:

Actual Price:

Stock:

Air: Very Poor Now

Search

18:09
ENG IN 04-01-2025



Admin Dashboard

Admin dashboard New Tab New Tab

localhost:8080/template_2_shop_zone/admin/admin_manage_category.jsp?parentCategory=1

All Bookmarks

Shop zone

Logout Back

CATEGORY MANAGEMENT

Select Parent Category: -- Select Parent Category --

Insert Subcategory

Subcategories

Subcategory ID	Subcategory Name	Total Products	Actions
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82°F Smoke Search File Explorer PDF Reader Edge Microsoft Store WhatsApp Settings Google Chrome Microsoft Edge Power Options

ENG IN 04-01-2025 18:18



Admin Dashboard

Insert Subcategory - Admin Da x | New Tab x | +

localhost:8080/template_2_shop_zone/admin/insert_subcategory.jsp

All Bookmarks

Insert Subcategory

Subcategory Name

Select Parent Category

Subcategory Image

Choose File No file chosen

Insert Subcategory

82°F Smoke

Search

82°F Smoke

18:18 04-01-2025



Admin Dashboard

Admin dashboard New Tab New Tab

localhost:8080/template_2_shop_zone/admin/delivery_person_management.jsp

Logout Back

Shop zone

DELIVERY MANAGEMENT

Insert New Delivery Person

ID	Name	Email	Area 1	Area 2	Join Date	Total Deliveries	Salary	See Order Details
28	suraj	suraj@gmail.com	380014	380052	2025-01-04	0	12000.0	<button>See Order Details</button>
27	himmat	himmat@gmail.com	380001	380018	2025-01-04	0	12000.0	<button>See Order Details</button>
26	rohit	rohit@gmail.com	380004	382405	2025-01-04	0	12000.0	<button>See Order Details</button>
25	dev	dev@gmail.com	380021	380009	2025-01-04	0	12000.0	<button>See Order Details</button>
24	neel	neel@gmail.com	380004	380022	2025-01-04	0	12000.0	<button>See Order Details</button>

82°F Smoke Search 18:19
04-01-2025



Admin Dashboard

Screenshot of an Admin Dashboard showing a list of orders for a delivery person.

The browser window shows the URL: `localhost:8080/template_2_shop_zone/admin/admin_see_order_details_delivery_person.jsp?dp_id=1`.

The main content area is titled "List of Orders for delivery person".

Order ID	Amount	Order Status	Number of Items	pin code	Shipping Address	Payment status
7	Rs. 2640.0	delivered	2	380007	401,tirupati appartment	Pending
1	Rs. 13692.0	Processing	5	380007	dzshxfn	Pending

System tray icons include: 82°F Smoke, Search, File Explorer, Paint, File Manager, Edge, Google Chrome, Task View, and others. Language settings show ENG IN. Date and time: 04-01-2025, 18:19.



Admin Dashboard

Shop Zone

[Logout](#) [Back](#)

[Sales Report](#)

[Product Report](#)



Admin Dashboard

Shop Zone

Logout

Back

Sales Report

Start Date: 

End Date: 

[Generate Report](#)



Admin Dashboard

Screenshot of the Admin Dashboard showing a Sales Report.

The URL in the browser is `localhost:8080/template_2_shop_zone/admin/generate_sales_report.jsp?startDate=2023-01-04&endDate=2025-01-04`.

The page title is "Shop Zone".

Logout and Back buttons are visible in the top right.

The main section is titled "Sales Report". It includes input fields for "Start Date" and "End Date" (both set to "dd-mm-yyyy") and a "Generate Report" button.

A table displays the sales data:

Order Date	Total Sales (₹)
2023-12-21	1000.0
2024-01-25	9000.0
2024-02-25	1000.0
2024-03-26	7700.0
2024-05-26	6000.0
2024-06-26	3000.0
2024-10-27	2000.0
2025-01-04	5700.0

Grand Total : Rs. 35400.0

The taskbar at the bottom shows various application icons and system status.



Admin Dashboard

Screenshot of an Admin Dashboard showing a product sales report.

The browser window shows the URL: localhost:8080/template_2_shop_zone/admin/generate_sales_by_product.jsp?startDate=2023-10-04&endDate=2025-01-04

The page title is "product Sales Report".

Form fields for "Start Date" and "End Date" are present, along with a "Generate Report" button.

A section titled "Sales by Product" displays a table of sales data:

Product ID	Product Name	Units Sold	Total Sales	Profit
23	Calf Length Striped Front Slit Kurti	8	Rs. 29120.0	Rs. -5120.0
22	Women's Elegant Navy Blue Paisley Kurtा	3	Rs. 6358.35	Rs. -3358.35
7	Collar Cotton Casual Shirt	3	Rs. 5022.0	Rs. -2022.0
4	MUFTI Mens Ankle Length Jeans	2	Rs. 4268.0	Rs. -2268.0
5	Denim Baggy Jeans	2	Rs. 3648.0	Rs. -2248.0
24	Womens Kanjivaram Banarasi Silk Saree	1	Rs. 2007.0	Rs. -1007.0
3	Fit Zip-Up Jacket with Full Zipper	1	Rs. 1995.0	Rs. -995.0
Grand Total:			Rs. 52418.35	Rs. -17018.35

The system tray at the bottom shows: 82°F Smoke, Search bar, File Explorer, Task View, Edge browser, WhatsApp, Control Panel, Google Chrome, Microsoft Edge, Task Manager, Network, Battery, ENG IN, WiFi, 18:22, 04-01-2025.



System Testing

- System testing ensures that all components of the **Shop Zone** platform work together as expected. Different testing schemes were applied to validate the functionality, performance, and security of the system.
- **Testing Types**
 1. Functional Testing
 2. Security Testing
 3. Usability Testing
 4. Performance Testing



System Testing

2. Test Case Data

Test Case ID	Description	Expected Result	Status
TC001	User Registration	User account created successfully	Passed
TC002	Add Product to Cart	Product added to the cart	Passed
TC003	Payment Gateway Validation	Payment processed successfully	Passed
TC004	Search Functionality	Relevant results displayed	Passed
TC005	Admin Access Control	Admin-only actions restricted	Passed



System Testing

- **Summary of Results**
- All core functionalities of ShopZone were successfully tested.
- The system meets the requirements for functionality, usability, and security.
- Minor improvements were suggested to enhance performance and user experience.



Conclusion

Shop Zone is an easy-to-use platform where customers can browse and buy fashion products. It offers features like filtering products, managing accounts, and secure order processing for a smooth shopping experience. In the future, we will add better payment options and order tracking to make shopping easier. It provides a simple and reliable solution for online shopping.



Future Work

1. Advanced Payment Options
2. Mobile Application
3. Customer Reviews and Ratings
4. Real-Time Order Tracking
5. Better Inventory Management for Admins
6. Customer care Support
7. Social Media Integration



Bibliography

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- <https://docs.oracle.com/javaee/5/tutorial/doc/bnaf.html#:~:text=A%20servlet%20is%20a%20Java,a%20request%2Dresponse%20programming%20model>
- <https://www.oreilly.com/library/view/more-servlets-and/0130676144/>

- **Product images:**

- Freepik
- Pixabay



Thank you