

Online E-Commerce Website For Jewellery

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INTRODUCTION

- ❑ Shopping is one of the essential part of our daily life. We're using different types of shops to buy different kind of things everyday

- ❑ Today our life is divided into two parts –
 - Physical Life: We met everyone physically.
 - Virtual Life: We met people on a virtual world called 'Internet'



SCOPE OF PROJECT

- ☐ This project is supposed to be delivered in several phases, with each phase being an add-onto the project that makes it more usable and acceptable.
 1. In the first delivery, the application must be able to add an item to the shopping cart and case.
 - ☐ Browse categories on the home page
 - ☐ Select a category and browse through the items
 - ☐ View more information about an item.
 - ☐ Add an item to the shopping cart.
 - ☐ Continue shopping or go to checkout for the item.
 2. The application must be able to check out the items in the cart.
 - ☐ Check out the items.
 - ☐ Delete the items to update the shopping cart.
 3. The application asks for user authentication before checking out.
 - ☐ Add items to the cart.
 - ☐ Check out the items
 - ☐ Log in with a valid username and password.

SCOPE OF PROJECT

4. The application must bring up the order form for the check out.
 - ☐ Complete the information on the order form.
 - ☐ Place the order.
5. The application must let customers to add item to cart to direct proceed to checkout.
 - ☐ Complete the information on the order form.
 - ☐ Place the order.
6. The application must allow admin of website to keep track of all its users
 - ☐ A super user of website.
 - ☐ keep track of different vender and their users.
7. The application must let Sellers to create their own registration and sell their products.
 - ☐ sellers/ vendors should able to add update delete accept their customers orders.
 - ☐ Able to create its account with unique GSTNUMBER(GSTIN).

TECHNICAL DETAILS

Front End technologies

HTML: displays content on web page

CSS: creates beautiful styles

In short, Bootstrap, html, css, and JavaScript , AJAX used to build responsive websites.

Back-end technologies:

Python: programming language.

Django framework: web development framework

DBSQLite

Database

Database Table

Glow

Site administration

AUTHENTICATION AND AUTHORIZATION

Groups [+ Add](#) [Change](#)

Users [+ Add](#) [Change](#)

COUPON

Coupon codes [+ Add](#) [Change](#)

MAIN

Carts [+ Add](#) [Change](#)

Contacts [+ Add](#) [Change](#)

Sliders [+ Add](#) [Change](#)

User details [+ Add](#) [Change](#)

SALER

Categories [+ Add](#) [Change](#)

Dows [+ Add](#) [Change](#)

My carts [+ Add](#) [Change](#)

Orders [+ Add](#) [Change](#)

Recent actions

My actions

[16](#)
Whole sale product

[15](#)
Whole sale product

[14](#)
Whole sale product

[13](#)
Whole sale product

[12](#)
Whole sale product

[41](#)
Product

[40](#)
Product

[39](#)
Product

[38](#)
Product

[37](#)
Product

Product sizes [+ Add](#) [Change](#)

Products [+ Add](#) [Change](#)

Saler details [+ Add](#) [Change](#)

Seller sliders [+ Add](#) [Change](#)

Trends [+ Add](#) [Change](#)

Whole sale product orders [+ Add](#) [Change](#)

Whole sale products [+ Add](#) [Change](#)

Database Table

Users Table:

Glow

WELCOME, ADMIN. [VIEW SITE](#) / [CHANGE PASSWORD](#) / [LOG OUT](#)

Home » Authentication and Authorization » Users

Start typing to filter...

AUTHENTICATION AND AUTHORIZATION

Groups + Add

Users + Add

COUPON

Coupon codes + Add

MAIN

Carts + Add

Select user to change

ADD USER +

Q Search

Action: Go 0 of 3 selected

<input type="checkbox"/>	USERNAME	EMAIL ADDRESS	FIRST NAME	LAST NAME	STAFF STATUS
<input type="checkbox"/>	9771749771		Rajesh	verma	✓
<input type="checkbox"/>	admin				✓
<input type="checkbox"/>	test@gmail.com	test@gmail.com	Ashish	Singh	✗

3 users

FILTER

By staff status

All
Yes
No

By superuser status

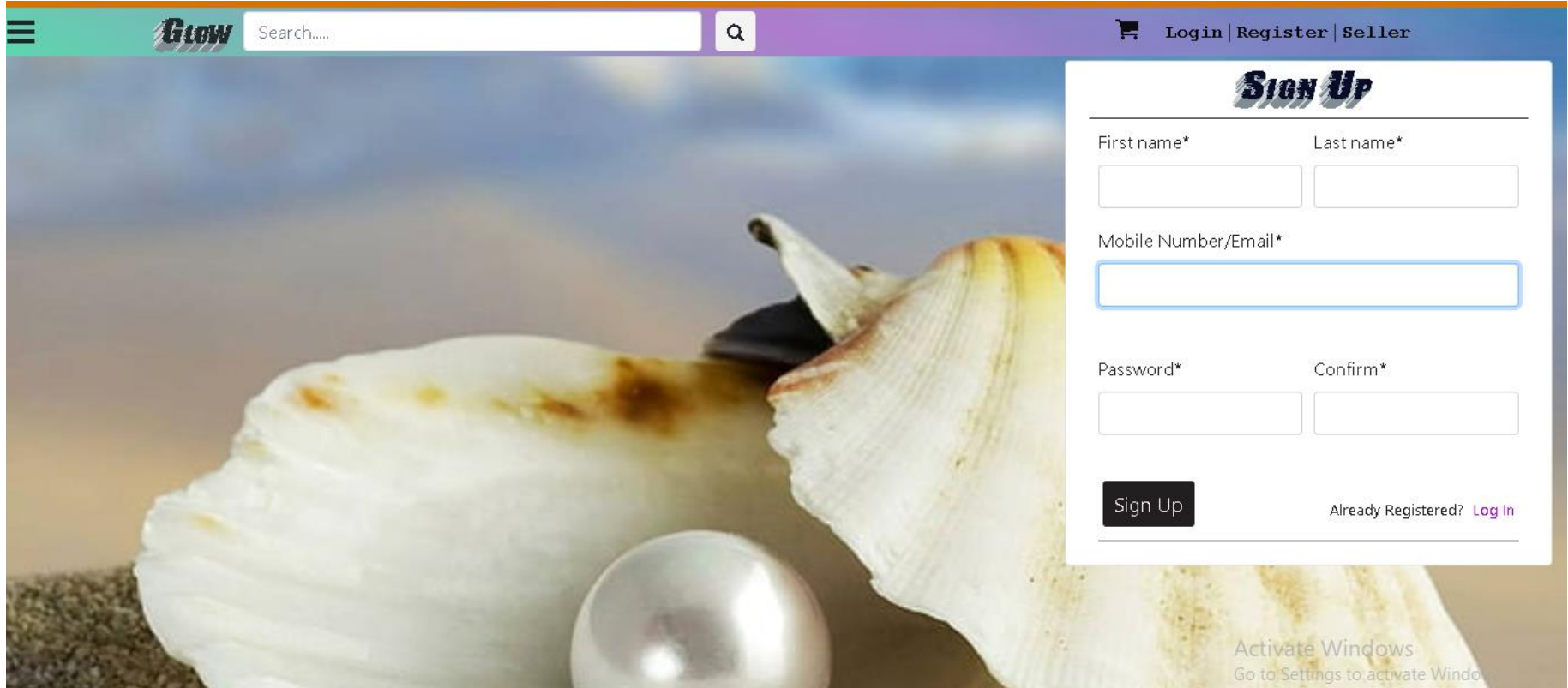
All
Yes
No


SQLite View:


auth_user		CREATE TABLE "auth_user" ("id" integer NOT NULL PRIMARY KEY AUTOINCREMENT, 'id"
id	integer	"id" integer NOT NULL
password	varchar(128)	"password" varchar(128) NOT NULL
last_login	datetime	"last_login" datetime
is_superuser	bool	"is_superuser" bool NOT NULL
username	varchar(150)	"username" varchar(150) NOT NULL UNIQUE
last_name	varchar(150)	"last_name" varchar(150) NOT NULL
email	varchar(150)	"email" varchar(254) NOT NULL
is_staff	bool	"is_staff" bool NOT NULL
is_active	bool	"is_active" bool NOT NULL
date_joined	datetime	"date_joined" datetime NOT NULL
first_name	varchar(150)	"first_name" varchar(150) NOT NULL

I/O Screen Layout

CUSTOMERS SIGNUP INTERFACE

The image shows a web browser displaying the 'Glow' website's sign-up interface. The background of the website is a close-up photograph of a white seashell with a pearl inside, set against a blue sky with clouds. The website has a green and purple header. On the right side of the header, there are links for 'Login', 'Register', and 'Seller'. A search bar is located on the left side of the header. The sign-up form is a white box on the right side of the page. It has a title 'SIGN UP' in a stylized font. The form contains several input fields: 'First name*', 'Last name*', 'Mobile Number/Email*', 'Password*', and 'Confirm*'. There is a 'Sign Up' button at the bottom left of the form and a link 'Already Registered? Log In' at the bottom right. An 'Activate Windows' watermark is visible in the bottom right corner of the page.

Glow Search..... 

 [Login](#) | [Register](#) | [Seller](#)

SIGN UP

First name* Last name*

Mobile Number/Email*

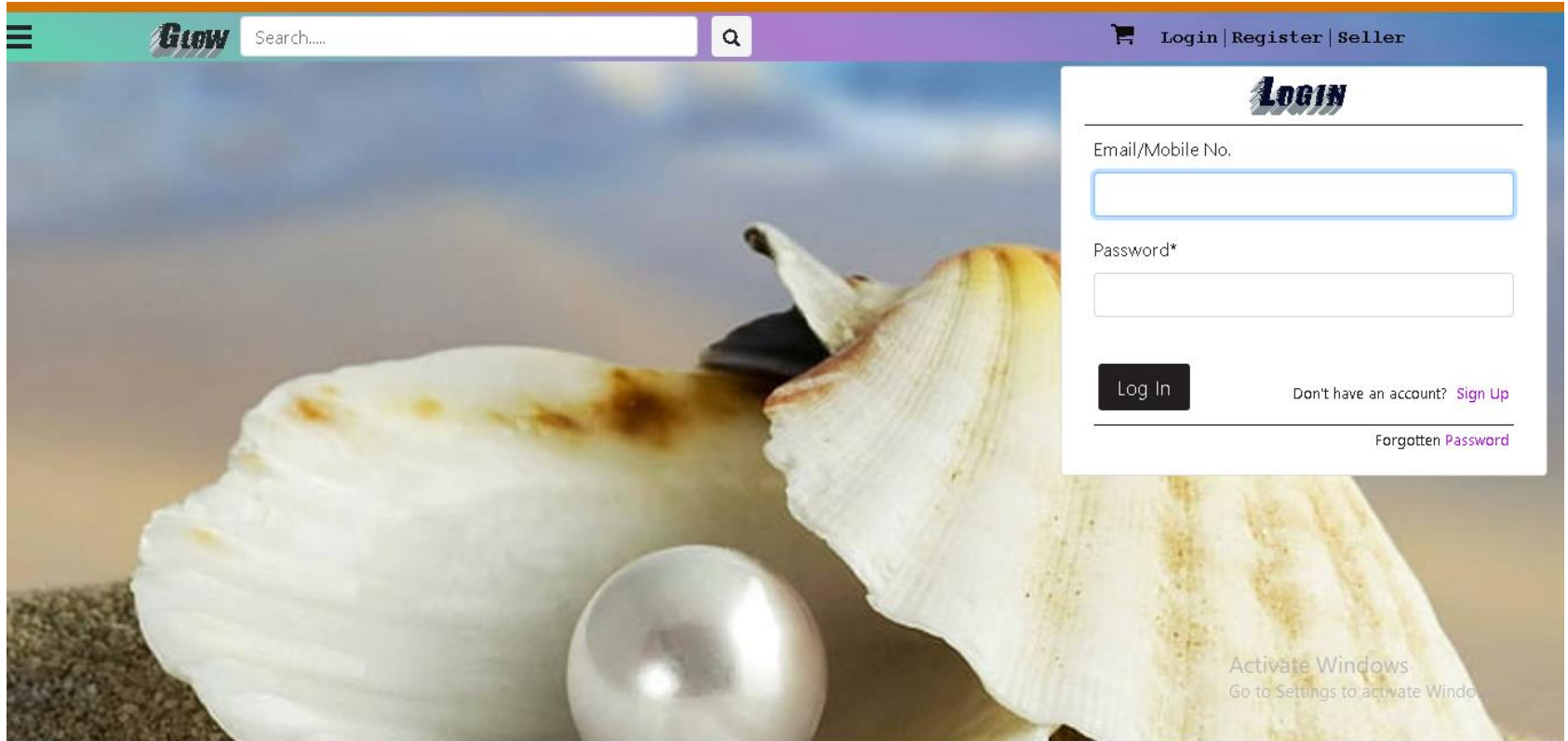
Password* Confirm*


[Sign Up](#) Already Registered? [Log In](#)


Activate Windows
Go to Settings to activate Windows

**COMMON LOGIN:
FOR CONSUMER / SELLER/ ADMIN LOGIN**

I/O Screen Layout



GLOW Search..... 

 [Login](#) | [Register](#) | [Seller](#)

LOGIN

Email/Mobile No.

Password*

[Log In](#)

Don't have an account? [Sign Up](#)

[Forgotten Password](#)

Activate Windows
Go to Settings to activate Windows

I/O Screen Layout

CUSTOMER UPDATE PROFILE:

Change Password




Old password*


New password*

- Your password can't be too similar to your other personal information.
- Your password must contain at least 8 characters.
- Your password can't be a commonly used password.
- Your password can't be entirely numeric.

New password confirmation*

Change Password




 2 [Shivani](#) | [My Order](#) | [Account](#) | [Settings](#) | [Logout](#)

Update Profile

Change Password

Hello, Shivani Kakade



First name	Last name	Dob*	Sex*	Mobile*
<input type="text" value="Shivani"/>	<input type="text" value="Kakade"/>	<input type="text" value="2020-12-31"/>	<input type="text" value="Female"/>	<input type="text" value="9771741471"/>

Email address	Landmark	Locality
<input type="text" value="test@gmail.com"/>	<input type="text" value="boring road"/>	<input type="text" value="patna"/>

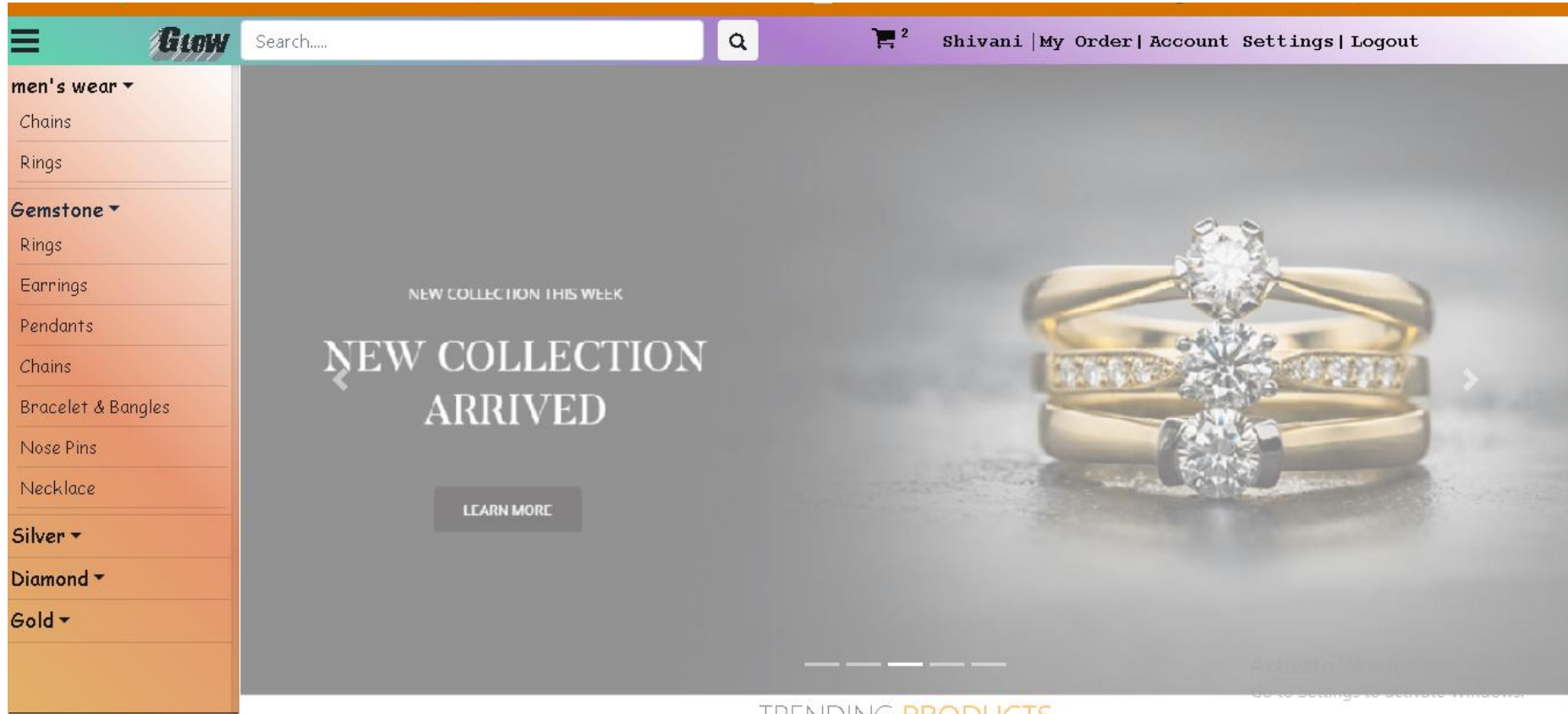
City	State*	Pincode*	Alternate mobile
<input type="text" value="mumbai"/>	<input type="text" value="Maharashtra"/>	<input type="text" value="821110"/>	<input type="text"/>

Address*	Photo*
<input type="text" value="Delhi"/>	Currently: Change: <input type="button" value="Choose File"/> No file chosen

Update

I/O Screen Layout

CUSTOMER VIEW: CATEGORIES AND SUB CATEGORIES:



VIEW PRODUCTS AND DYNAMIC SLIDER



Sliders

PRODUCTS:

VIEW MEN'S WEAR [More](#)



Stylized Men's Hooded Titanium Steel Necklace with Pendant for Men's Wear, Black P-3041
Price: ₹100

[ORDER NOW](#)



Pendant for Men's
Price: ₹121

[ORDER NOW](#)



Sporty Chain for men
Price: ₹2100

[ORDER NOW](#)




Sterling Silver Ring
Price: ₹1421

[ORDER NOW](#)



Black Ring for Men's
Price: ₹111

[ORDER NOW](#)

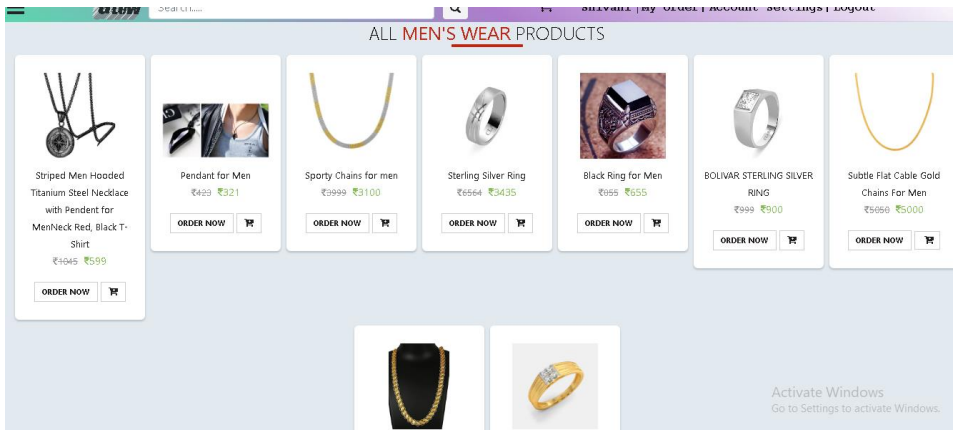


BOLNA STERLING SILVER RING
Price: ₹100

[ORDER NOW](#)

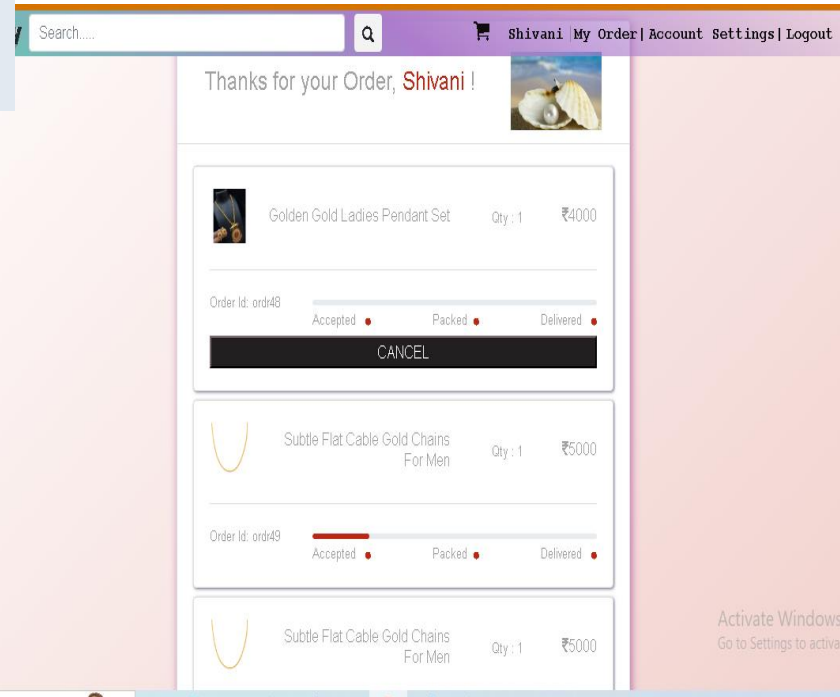
VIEW GEMSTONE

Activate Windows
Go to Settings to activate Windows.



[VIEW ALL PRODUCTS](#)

[CUSTOMER > VIEW OREDER](#)



Q


Shivani | My Order | Account


Orders

Delivered

Canceled

Thanks for your Order, Shivani !





Bracelet Bangle Bridal

Qty : 1


₹2032

Order Id: ord70

Accepted

Packed

Delivered



SILVER Nose pin

Qty : 1

₹544

Order Id: ord71

Accepted

Packed

Delivered


DELIVERED ORDER


Orders

Delivered

Canceled

Thanks for your Order, Shivani !






Zukhruf Fashion Gold Plated Chains for Men & Boys (Gold)

Qty : 1

₹1333

Order Id: ord001



Silver Beautiful Earring for Girls


Qty : 1


₹542

Order Id: ord44


CANCELLED ORDER


Search


 Search.....


Q  2 Shivani | My Order | Account Settings | Logout


ALL PRODUCTS





Stylish Fancy Party Wear Chains
₹4204 ₹1000
[ORDER NOW](#) 





Gold Plated Chains
₹6000 ₹5000
[ORDER NOW](#) 





Striped Men Hooded Titanium Steel Necklace with Pendant for Men
Neck Red, Black T-Shirt
₹4045 ₹599
[ORDER NOW](#) 





Pendant for Men
₹423 ₹321
[ORDER NOW](#) 




Sporty Chains for men
₹3999 ₹3100
[ORDER NOW](#) 





Subtle Flat Cable Gold Chains For Men
₹5650 ₹5000
[ORDER NOW](#) 




Zukhruf Fashion Gold Plated Chains for Men & Boys (Gold)
₹4999 ₹1333
[ORDER NOW](#) 


ADD TO CART:


 Search.....


Q  2 Shivani | My Order | Account Settings | Logout

MY CART(2)



Pendant for Men
Category: men's wear
+ 1 
₹321
SIZE: XL
[Remove](#)



Dangle Gemstone Earrings
Category: Gemstone
+ 1 
₹5000
SIZE:
[Remove](#)

ORDER SUMMARY

Order Subtotal	₹5321.0
Shipping and handling	₹0.0
Tax	₹250.0
Total	₹5571.0

[Proceed to checkout](#)

PAYMENT:

CASH ON DILEVERY:

YOUR ORDER

CHECKOUT

 Sporty Chains for men

Total Payable ₹3193.0

Enter Address & Other Details:

First name

Nidhi

Last name

Tiwari

Mobile*

9771741478

Alternate mobile

Alternate Mobile No(optional)

Address*

patna

Landmark

boring road

Locality*

patna

City*

patna

State*

Bihar

Pincode*

821110

☒ Cash on Delivery

Payment

Activate Window
Go to Settings to act



Sporty Chains for men

Qty : 1

₹3100

Order Id: ord76

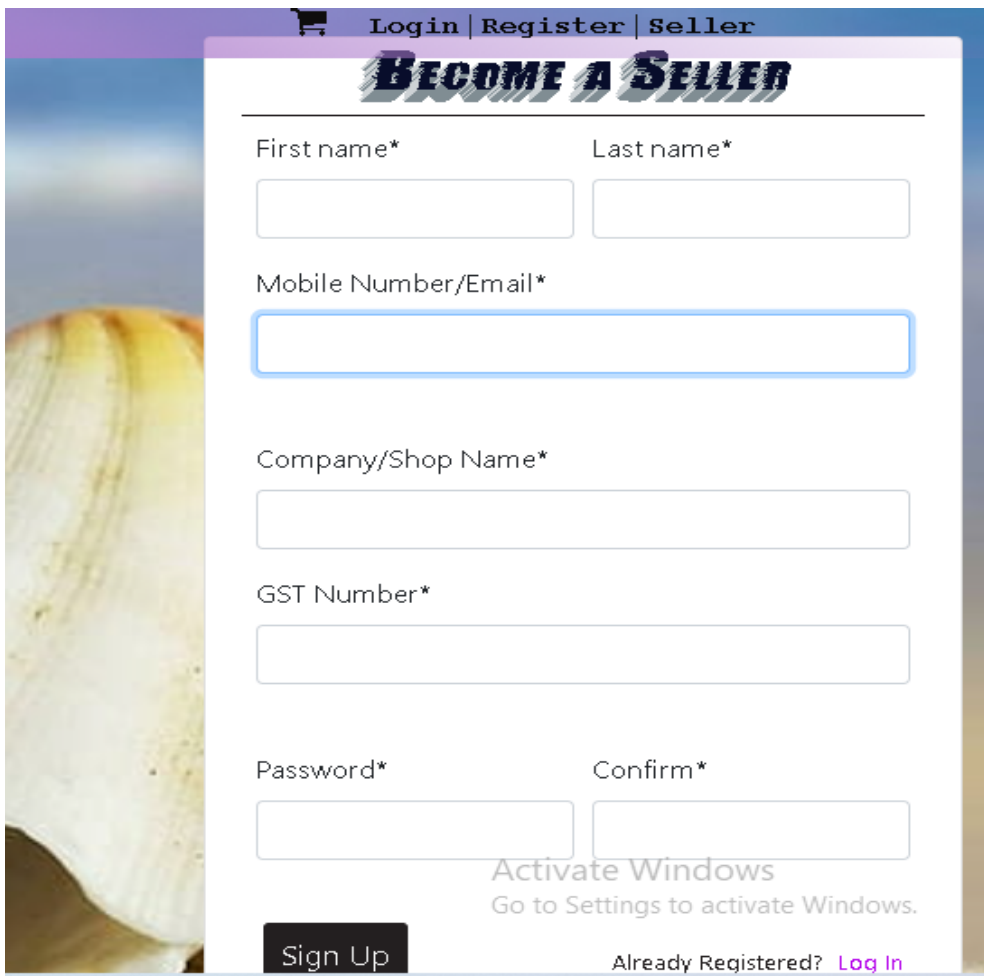
Accepted


Packed

Delivered

CANCEL

**SELLER SIGNUP:
FOR GST
Number:**[https://sell.
amazon.in/seller-
blog/how-to-
register-for-gst](https://sell.amazon.in/seller-blog/how-to-register-for-gst)



 [Login](#) | [Register](#) | [Seller](#)

BECOME A SELLER

First name* Last name*

Mobile Number/Email*

Company/Shop Name*

GST Number*

Password* Confirm*

[Sign Up](#) [Already Registered? Log In](#)

Activate Windows
Go to Settings to activate Windows.

ADD PRODUCTS :

Add Product

Product Name

Category

SubCategory

Price

Price Not

Description

GST

Images

No ...sen

No ...sen

No ...sen



No ...sen

No ...sen

Enter Size and Quantity









Size Quant

Products in Store [More](#)

Product Id	Product Name	Product Image	Category	SubCategory	Price	
41	Stylish Fancy Party Wear Chains		Silver	Chains	1000	

VIEW ALL PRODUCTS :




Products in Your Store!

Product Id	Product Name	Product Image	Category	SubCategory	Price	
41	Stylish Fancy Party Wear Chains		Silver	Chains	1000	
40	Traditional Stylish Stone Stud Earrings		Gold	Earrings	3023	
39	Gold Plated Chains		Gold	Chains	5000	
38	Sterling Silver Nose Pins		Silver	Nose Pins	500	




YOUR ORDERS FROM CUSTOMERS:
VIEW ORDER:

Orders From Customers

View Orders
View Delivered Products

	<p>Order Id : ordr90</p> <p>Product Name: Gemstone Pendant Necklace size: M Price: ₹4054</p>	<p>Quantity: M</p> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> Packed Delivered Cancel </div>
	<p>Order Id : ordr89</p> <p>Product Name: Sporty Chains for men size: M Price: ₹3100</p>	<p>Quantity: M</p> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> Accepted Packed Delivered Cancel </div>
	<p>Order Id : ordr88</p> <p>Product Name: Sporty Chains for men size: M</p>	<p>Quantity: M</p>

DILEVERED PRODUCTS:

Orders From Customers		
	View Orders	View Delivered Products
	Order Id : ordr74	
	Product Name: Black Ring for Men	
	size: M	
	Price: ₹655	
Quantity: M		
	Order Id : ordr73	
	Product Name: Traditional Stylish Stone Stud Earrings	
	size: 6	
	Price: ₹3023	
Quantity: 6		
	Order Id : ordr72	
	Product Name: RAIASTHANI Dark Green Gemstone	

ACCOUNT
SETTING:

LOGOUT



Update Profile

Change Password

Bank Details

Seller Account Settings

Your Details

First name	Last name	Shop Name*	Mobile*	Alternate mobile
<input type="text" value="Rajesh"/>	<input type="text" value="verma"/>	<input type="text" value="10AABCU96C"/>	<input type="text" value="9771749771"/>	<input type="text"/>
Email address	Gst Number*	Landmark	Locality	
<input type="text"/>	<input type="text" value="10AABCU9603R1Z2"/>	<input type="text" value="mumbai"/>	<input type="text" value="mumbai"/>	
Shop Address*			Photo*	
<input type="text" value="mumbai india"/>			Currently: Change: <input type="button" value="Choose File"/> No file chosen	
City	State*	Pincode*		
<input type="text" value="virar"/>	<input type="text" value="Maharashtra"/>	<input type="text" value="40012"/>		

Update

Activate Windows
Go to Settings to activate Windows

Conclusion

The Project titled **jewellery website** was completed successfully. The purpose of this project was to develop a web application for purchasing items from a jewellery shop. This project enabled me gain valuable information and practical knowledge on several topics like designing web pages using html & CSS, usage of responsive templates, designing of full stack Django application, and management of database using SQLite 3. The entire system is secured. Also. This project has given me great satisfaction in having designed an application which can be implemented to any nearby shops or branded shops selling products.

The following results have been achieved after completing the system and relate back to the system's objective.

- **Should allow users to browse through different product categories:** This is achieved when the user first runs the application and is directed to a home.
- **Should allow users to save items to the cart and also to view detailed information about a particular item**
- **Should allow users to check out the items**
- **System users should be able to place the order by filling out the order form**
- **The user should see a success message after placing an order**
- **Allowed Sellers to add their products and manage order and products**

THANK YOU