

Profu De' Vin

Cristea Laur-Alexandru, Pop Patric

In our project we developed an E-Commerce Website for a local wine store. The website is well structured and has a friendly interface. We also made it possible for a user to create an account and log in. All users need to be logged in to place an order.

On both wine and spirit pages we added filters to show only specific wines / spirits. Also, we added a search bar on both pages.

On the admin side, we created an Admin Dashboard where the admin can see the statistics from the last month. Also, the admin can see all the orders that were placed on the Orders Page. There he can see all the information about the orders and can change their status.

On wine and spirit pages, the admin can edit each wine and spirit to change their name, quantity available or price. Also, the admin can delete a wine / spirit from the database.

The user table from the database was created automatically by Django. There I created a group named Product Population. When a user is assigned to that group, he can Add wines or spirits to the database.

I, Cristea Alexandru, worked on the header and footer, wines page, signup page, profile page, admin dashboard, orders and cart page. Also, I developed the forgot password functionality along with the needed pages.

I, Pop Patric, worked on the spirits page, login page, statistics page and checkout page. The statistics page contains the statistics for the last 30 days. The login page sends a token to the database to check if a user exists with those credentials.

For the rest of the pages that are on the project, we worked together.

The database scripts for creating the tables and populating the wines and spirits tables are:

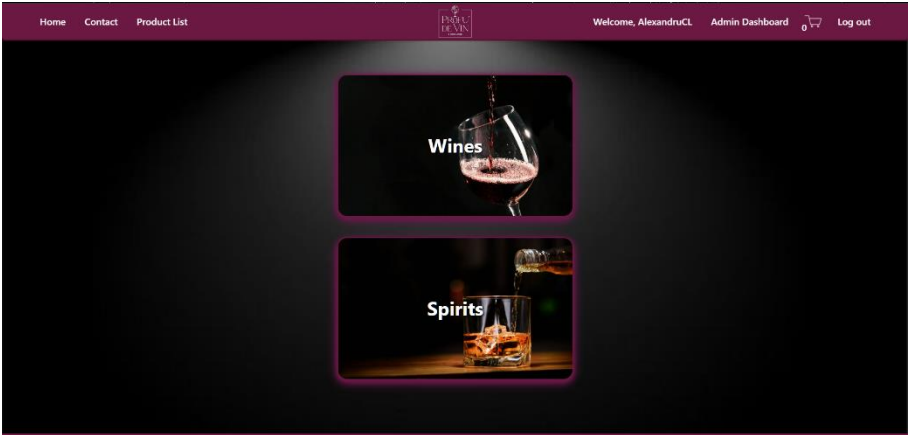
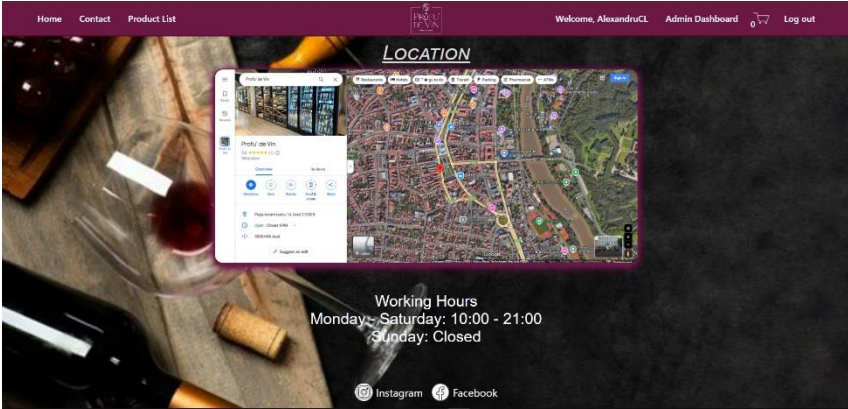
creatingtables

populatingtables

Below we will provide screenshots for every web page



Home page is not done, but it wouldn't have any relationship with the database




Wine List

Search by name

Search

Toggle Filters


Chateau Croix Cardinale 2020
Type: Red
Year: 2020
Grapes: Merlot and Cabernet Franc
Origin: France
Region: Bordeaux
Description: James Suckling: "Aromas of ripe plums and mulberries with hints of chocolate. Bouquet of very ripe black fruits with a strong note of violets and also hints of chalk and stone. On the palate, a very velvety and fruity sensation....
Available: 12 bottles
Price: 200.00 RON
Quantity to order: 1



Add to Cart

Edit wine


Chateau De Francs Les Cerisiers
Type: Red
Year: 2016
Grapes: Merlot and Cabernet Franc
Origin: France
Description: James Suckling: "Bouquet of very ripe black fruits with a strong note of violets and also hints of chalk and stone. On the palate, a very velvety and fruity sensation, along with a freshness of the fruit and tannins that finish it "in style". Blend o...
Available: 12 bottles
Price: 100.00 RON
Quantity to order: 1



Add to Cart

Edit wine


Chateau de L'Escalelle Palm
Type: Rosé
Year: 2023
Grapes: Caladoc, Grenache, Merlot
Origin: France
Description: All the elegance of rosé. Friendly and generous, only good to drink with friends. The Cuvée Palm par l'Escalelle has a clear and bright appearance, fine and subtle nose, fresh and nervous taste.
Available: 8 bottles
Price: 55.00 RON
Quantity to order: 1



Add to Cart

Edit wine


Chateau de L'Escalelle Rumeurs
Type: Rosé
Year: 2023
Grapes: Caladoc, Grenache, Syrah
Origin: France
Region: Saint-Émilion
Description: Fresh aroma of red fruits, currants, raspberries and strawberries. In the mouth, it is elegant, lively and fresh, with aromas of fresh citrus and red fruits. Delicate and aromatic finish.
Available: 20 bottles
Price: 60.00 RON
Quantity to order: 1



Add to Cart

Edit wine


Chateau Faugetes
Type: Red
Year: 2019
Grapes: Merlot and Cabernet Franc
Origin: France
Region: Saint-Émilion
Description: James Suckling: "A full-bodied red wine with fine tannins and bouquet and intense aromas of plum, milk chocolate and nuts. Creamy, with an attractive texture. Quite flamboyant for this vintage. Generous and well connected. Drink it after 2024."
Available: 15 bottles
Price: 230.00 RON



Add to Cart

Edit wine

Chateau Fleur Cardinale
Type: Red
Year: 2018
Grapes: Merlot and Cabernet Franc
Origin: France
Region: Medoc
Description: James Suckling: "A linear and concentrated wine that displays seriousness and polish. Medium to full bodied, it is focused and compact on the palate. Very fresh and long. I see a shift towards more linear and precise wines."
Available: 29 bottles
Price: 285.00 RON



Add to Cart

Edit wine

Wine List


P

Search

Toggle Filters

All YearsAll TypesAll CountriesAll RegionsAll GrapesSort ByReset Filters


Chateau de L'Escalelle Palm
Type: Rosé
Year: 2023
Grapes: Caladoc, Grenache, Merlot
Origin: France
Description: All the elegance of rosé. Friendly and generous, only good to drink with friends. The Cuvée Palm par l'Escalelle has a clear and bright appearance, fine and subtle nose, fresh and nervous taste.
Available: 8 bottles
Price: 55.00 RON
Quantity to order: 1



Add to Cart

Edit wine


Chateau Pierre 1er
Type: Red
Year: 2020
Grapes: Merlot and Cabernet Franc
Origin: France
Region: Saint-Émilion
Description: James Suckling: "Juicy fruit with crushed stone and a crunchy undertone. Blue fruits. Floral. Medium body. Linear tannins and a fresh finish. Citrus undertones. Also salty and mineral. Drink it after 2025."
Available: 11 bottles
Price: 145.00 RON
Quantity to order: 1



Add to Cart

Edit wine


Chateau Poesia
Type: Red
Year: 2020
Grapes: Merlot and Cabernet Franc
Origin: France
Region: Saint-Émilion
Description: James Suckling: "Complex nose of plums, black currants, chocolate, hazelnuts and violets. Liqueur. Also crushed stones and olives. Fragrant and layered, medium to full bodied, fine tannins and excellent freshness. A sophisticated and elegant...
Available: 40 bottles
Price: 235.00 RON
Quantity to order: 1



Add to Cart

Edit wine

Feud Arancio Nero d'Avola Passiari
Type: Red
Year: 2020
Grapes: Nero d'Avola, Syrah
Origin: Italy
Region: Sicily
Description: Ideal for summer! Beautiful and fruity bouquet of pears, apricots, white and yellow peaches. Elegant, velvety, fragrant and fruity taste, with discreet notes of vanilla.
Available: 18 bottles



Add to Cart

Edit wine


Wine List

Search by name

Search

Toggle Filters


Cava "Cupada" Rosé Brut nature
Type: Rosé
Year: 2022
Grapes: Macabeo and Parellada
Origin: Spain
Description: James Suckling: "Excellent price-quality ratio! A dosage rosé cava with fine and persistent bubbles and very elegant and delicate aromas of strawberries, orange peel, lemon and rose petals. In the mouth, it is very dry but creamy and lively.
Available: 20 bottles
Price: 75.00 RON
Quantity to order: 1



Add to Cart

Edit wine


Chablis 2023
Type: White
Year: 2023
Grapes: Chardonnay
Origin: France
Region: Burgundy
Description: James Suckling: "A crisp and lively white wine with a bouquet of green apples, citrus and mineral notes. The palate is clean and refreshing, with a touch of acidity that balances the fruit.
Available: 12 bottles
Price: 85.00 RON
Quantity to order: 1



Add to Cart

Edit wine

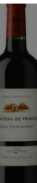
Chateau Croix Cardinale 2020
Type: Red
Year: 2020
Grapes: Merlot and Cabernet Franc
Origin: France
Region: Bordeaux
Description: James Suckling: "Aromas of ripe plums and mulberries with hints of chocolate. Bouquet of very ripe black fruits with a strong note of violets and also hints of chalk and stone. On the palate, a very velvety and fruity sensation....
Available: 12 bottles
Price: 200.00 RON
Quantity to order: 1



Add to Cart

Edit wine


Chateau De Francs Les Cerisiers
Type: Red
Year: 2016
Grapes: Merlot and Cabernet Franc
Origin: France
Description: James Suckling: "Bouquet of very ripe black fruits with a strong note of violets and also hints of chalk and stone. On the palate, a very velvety and fruity sensation, along with a freshness of the fruit and tannins that finish it "in style". Blend o...
Available: 12 bottles
Price: 100.00 RON
Quantity to order: 1



Add to Cart

Edit wine


Chateau de L'Escalelle Palm
Type: Rosé
Year: 2023
Grapes: Caladoc, Grenache, Merlot
Origin: France
Description: All the elegance of rosé. Friendly and generous, only good to drink with friends. The Cuvée Palm par l'Escalelle has a clear and bright appearance, fine and subtle nose, fresh and nervous taste.
Available: 8 bottles
Price: 55.00 RON
Quantity to order: 1



Add to Cart

Edit wine

Chateau de L'Escalelle Rumeurs
Type: Rosé
Year: 2023
Grapes: Caladoc, Grenache, Syrah
Origin: France
Region: Saint-Émilion
Description: Fresh aroma of red fruits, currants, raspberries and strawberries. In the mouth, it is elegant, lively and fresh, with aromas of fresh citrus and red fruits. Delicate and aromatic finish.
Available: 20 bottles
Price: 60.00 RON
Quantity to order: 1



Add to Cart

Edit wine

Edit Wine

Name

Cava "Cupada" Rosé Brut nature

Price (RON)

75.00

Quantity


20


Cancel

Delete wine

Save

[Home](#)[Contact](#)[Product List](#)



Welcome, AlexandruCLAdmin Dashboard0  Log out

Spirit List

Search by name

Search

Toggle Filters

Barcelo Imperial Ron 0.7l

Type: Rum

Alcohol Level: 40%


Available: 12 bottles

Price: 90.00 RON

Quantity to order:

Add to Cart

Edit spirit



Beluga Noble 0.7l

Type: Vodka

Alcohol Level: 40%

Available: 10 bottles

Price: 260.00 RON

Quantity to order:

Add to Cart

Edit spirit

Bevedere 0.7l

Type: Vodka

Alcohol Level: 40%

Available: 4 bottles

Price: 130.00 RON

Quantity to order:

Add to Cart

Edit spirit

Bumbu The Original 0.7l

Type: Rum

Alcohol Level: 40%

Available: 5 bottles

Price: 120.00 RON

Quantity to order:

Add to Cart

Edit spirit

Bumbu 0.7l

Type: Rum

Style: XO

Alcohol Level: 40%

Available: 5 bottles

Price: 140.00 RON

Quantity to order:

Add to Cart

Edit spirit

Delord 1965

Type: Armagnac

Alcohol Level: 40%

Available: 1 bottle

Price: 1450.00 RON

Quantity to order:

Add to Cart

Edit spirit

Delord Napoleon Ariane

Type: Armagnac

Alcohol Level: 40%

Available: 2 bottles

Price: 180.00 RON

Quantity to order:

Add to Cart

Edit spirit

Delord

Type: Armagnac

Style: XO

Alcohol Level: 40%

Available: 12 bottles

Price: 250.00 RON

Quantity to order:

Add to Cart

Edit spirit

Don Papa Baroko 0.7l

Type: Rum

Alcohol Level: 40%

Available: 15 bottles


Price: 160.00 RON


Quantity to order:

Add to Cart

Edit spirit

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Welcome, AlexandruCLAdmin Dashboard0  Log out

Spirit List

Search by name

Search

Toggle Filters

All TypesAll StylesAll Alcohol LevelsSort ByReset Filters

Barcelo Imperial Ron 0.7l

Type: Rum

Alcohol Level: 40%


Available: 12 bottles

Price: 90.00 RON

Quantity to order:

Add to Cart

Edit spirit



Beluga Noble 0.7l

Type: Vodka

Alcohol Level: 40%

Available: 10 bottles

Price: 260.00 RON

Quantity to order:

Add to Cart

Edit spirit

Bevedere 0.7l

Type: Vodka

Alcohol Level: 40%

Available: 4 bottles

Price: 130.00 RON

Quantity to order:

Add to Cart

Edit spirit

Bumbu The Original 0.7l

Type: Rum

Alcohol Level: 40%

Available: 5 bottles

Price: 120.00 RON

Quantity to order:

Add to Cart

Edit spirit

Bumbu 0.7l

Type: Rum

Style: XO

Alcohol Level: 40%

Available: 5 bottles

Price: 140.00 RON

Quantity to order:

Add to Cart

Edit spirit

Delord 1965

Type: Armagnac

Alcohol Level: 40%

Available: 1 bottle

Price: 1450.00 RON

Quantity to order:

Add to Cart

Edit spirit

Delord Napoleon Ariane

Type: Armagnac

Alcohol Level: 40%

Available: 2 bottles

Price: 180.00 RON

Quantity to order:

Add to Cart

Edit spirit

Delord

Type: Armagnac

Style: XO

Alcohol Level: 40%

Available: 12 bottles

Price: 250.00 RON

Quantity to order:

Add to Cart

Edit spirit

Don Papa Baroko 0.7l

Type: Rum

Alcohol Level: 40%

Available: 15 bottles


Price: 160.00 RON


Quantity to order:

Add to Cart

Edit spirit

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Welcome, AlexandruCLAdmin Dashboard0  Log out

Spirit List

Search by name

Search

Toggle Filters

All TypesAll StylesAll Alcohol LevelsSort ByReset Filters

Barcelo Imperial Ron 0.7l

Type: Rum

Alcohol Level: 40%

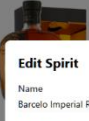
Available: 12 bottles

Price: 90.00 RON

Quantity to order:

Add to Cart

Edit spirit



Beluga Noble 0.7l

Type: Vodka

Alcohol Level: 40%

Available: 10 bottles

Price: 260.00 RON

Quantity to order:

Add to Cart

Edit spirit

Bevedere 0.7l

Type: Vodka

Alcohol Level: 40%

Available: 4 bottles

Price: 130.00 RON

Quantity to order:

Add to Cart

Edit spirit

Bumbu The Original 0.7l

Type: Rum

Alcohol Level: 40%

Available: 5 bottles

Price: 120.00 RON

Quantity to order:

Add to Cart

Edit spirit

Bumbu 0.7l

Type: Rum

Style: XO

Alcohol Level: 40%

Available: 5 bottles

Price: 140.00 RON

Quantity to order:

Add to Cart

Edit spirit

Delord 1965

Type: Armagnac

Alcohol Level: 40%

Available: 1 bottle

Price: 1450.00 RON

Quantity to order:

Add to Cart

Edit spirit

Delord Napoleon Ariane

Type: Armagnac

Alcohol Level: 40%

Available: 2 bottles

Price: 180.00 RON

Quantity to order:

Add to Cart

Edit spirit

Delord

Type: Armagnac

Style: XO

Alcohol Level: 40%

Available: 12 bottles

Price: 250.00 RON

Quantity to order:

Add to Cart

Edit spirit

Don Papa Baroko 0.7l

Type: Rum

Alcohol Level: 40%

Available: 15 bottles

Price: 160.00 RON

Quantity to order:

Add to Cart

Edit spirit

Edit Spirit

Name

Barcelo Imperial Ron 0.7l

Price (RON)

90.00

Quantity

12

Cancel

Delete spirit

Save

Profile Page

Home

Contact

Product List

PROF DE VIN

2025

Welcome, AlexandruCL

Admin Dashboard

0

Log out

AlexandruCL

alex.cristea.laur2004@gmail.com

Username

AlexandruCL

Email

alex.cristea.laur2004@gmail.com

First Name

Laur-Alexandru

Last Name

Cristea

Change Password

Update

Order History (1 orders)

Order ID	Date	Total	Status	Actions
1	Jan. 5, 2025, 5 p.m.	685.00 RON	Pending	<div>View</div>

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Cart Page

Home

Contact

Product List

PROF DE VIN

2025

Welcome, AlexandruCL

Admin Dashboard

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Log out

Cava "Cupada" Rosé Brut nature

1 bottle

Total: 75.0 RON

Quantity to remove:

1

Remove

Barcelo Imperial Ron 0.7l

2 bottles - 90.00 RON each

Total: 180.0 RON

Quantity to remove:

1

Remove

Total: 255.00 RON

PROCEED TO CHECKOUT

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Checkout

Order Summary



Cava "Cupada" Rosé Brut nature

Quantity: 1

Price: 75.00 RON

Total: 75.0 RON



Barcelo Imperial Ron 0.7l

Quantity: 2

Price: 90.00 RON each

Total: 180.0 RON

Total: 255.00 RON

Shipping Information

First Name

Last Name

Email

Phone Number

Address

Add all information about the address, including Nr. , Bl. Nr. , Floor Nr. , Ap. Nr.

City

County


Postal Code

Place Order


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Order Placed Successfully - Order ID: #2

Thank you for your order! Your order has been placed successfully.

Order Details



Cava "Cupada" Rosé Brut nature

Quantity: 1

Total: 75.0 RON



Barcelo Imperial Ron 0.7l

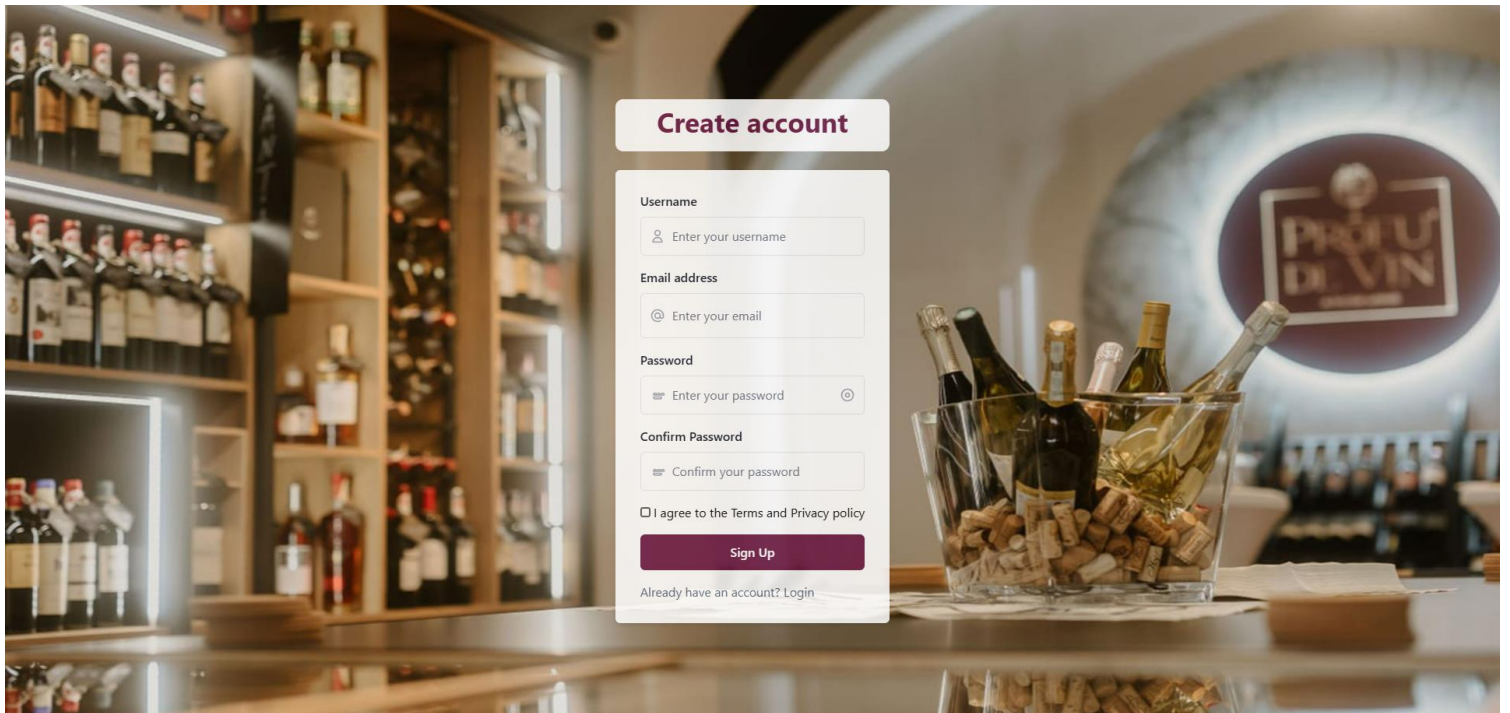
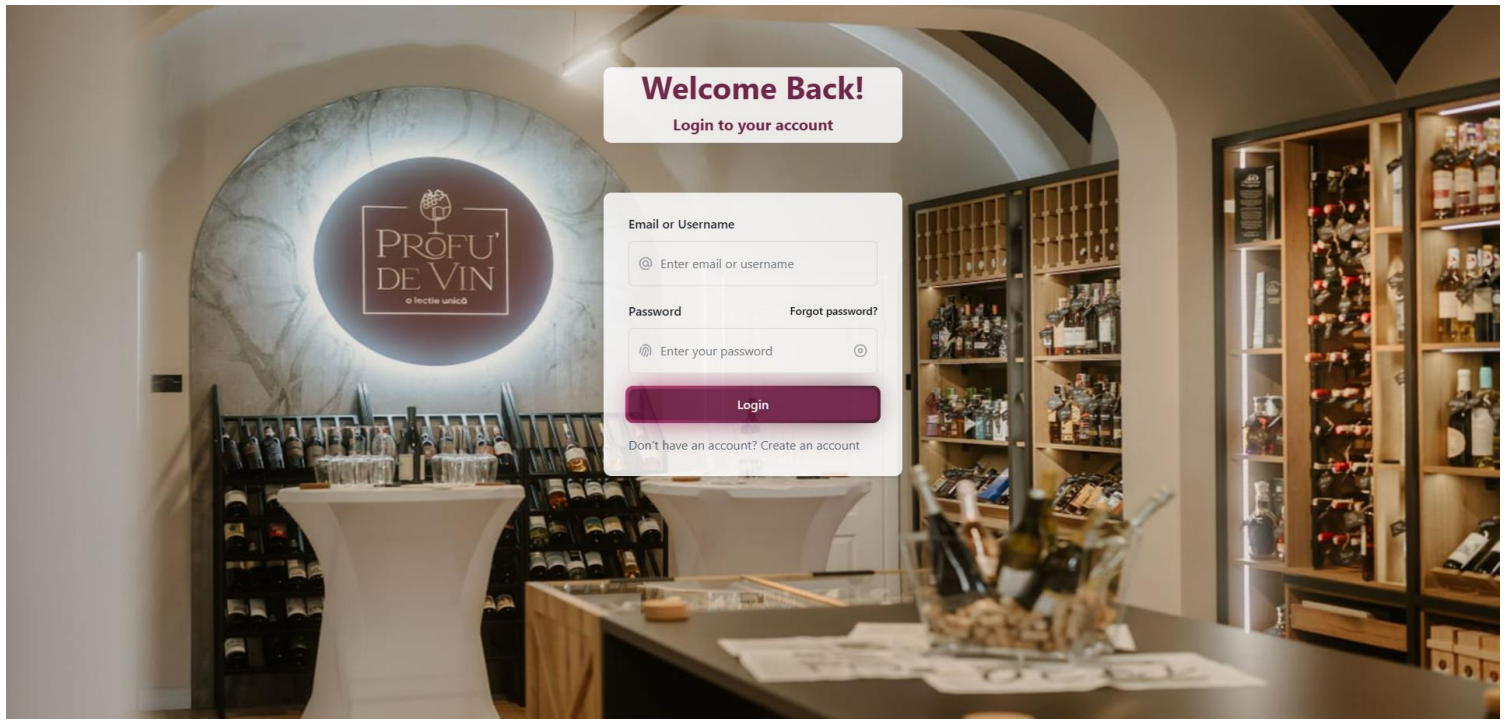
Quantity: 2

Price: 90.00 RON each


Total: 180.0 RON

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HomeContactProduct List



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Admin Panel

View Admin Site
Manage Users

Manage Products

Manage Wines
Manage Spirits

Add products

Add Wines
Add Spirits

Manage Orders

View Orders

Statistics

View Statistics

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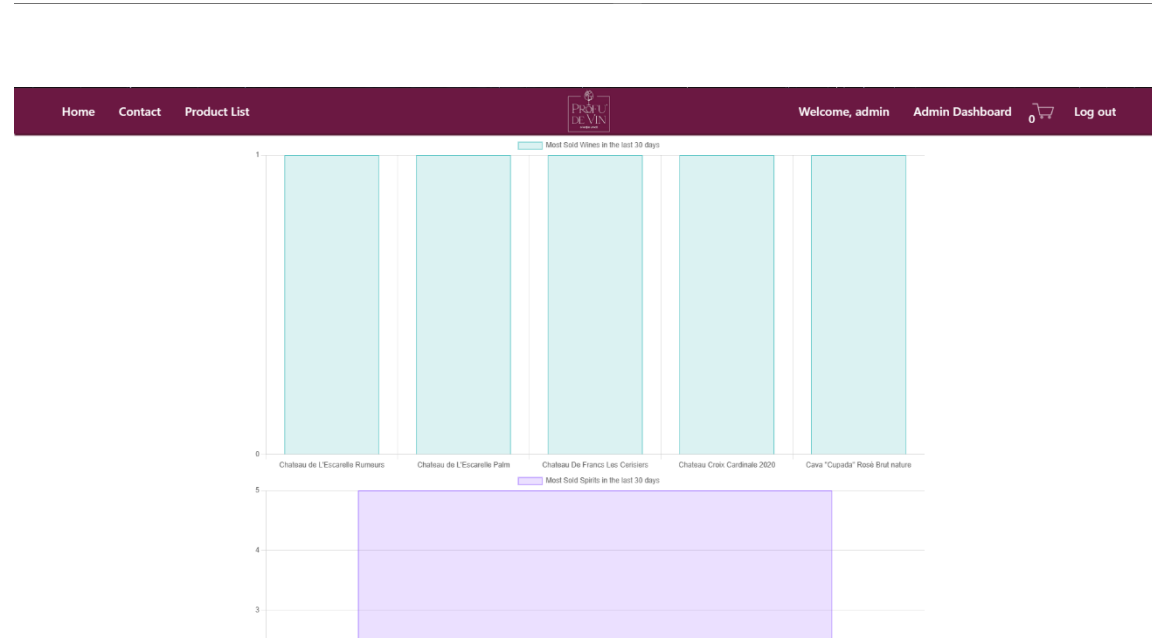
HomeContactProduct List



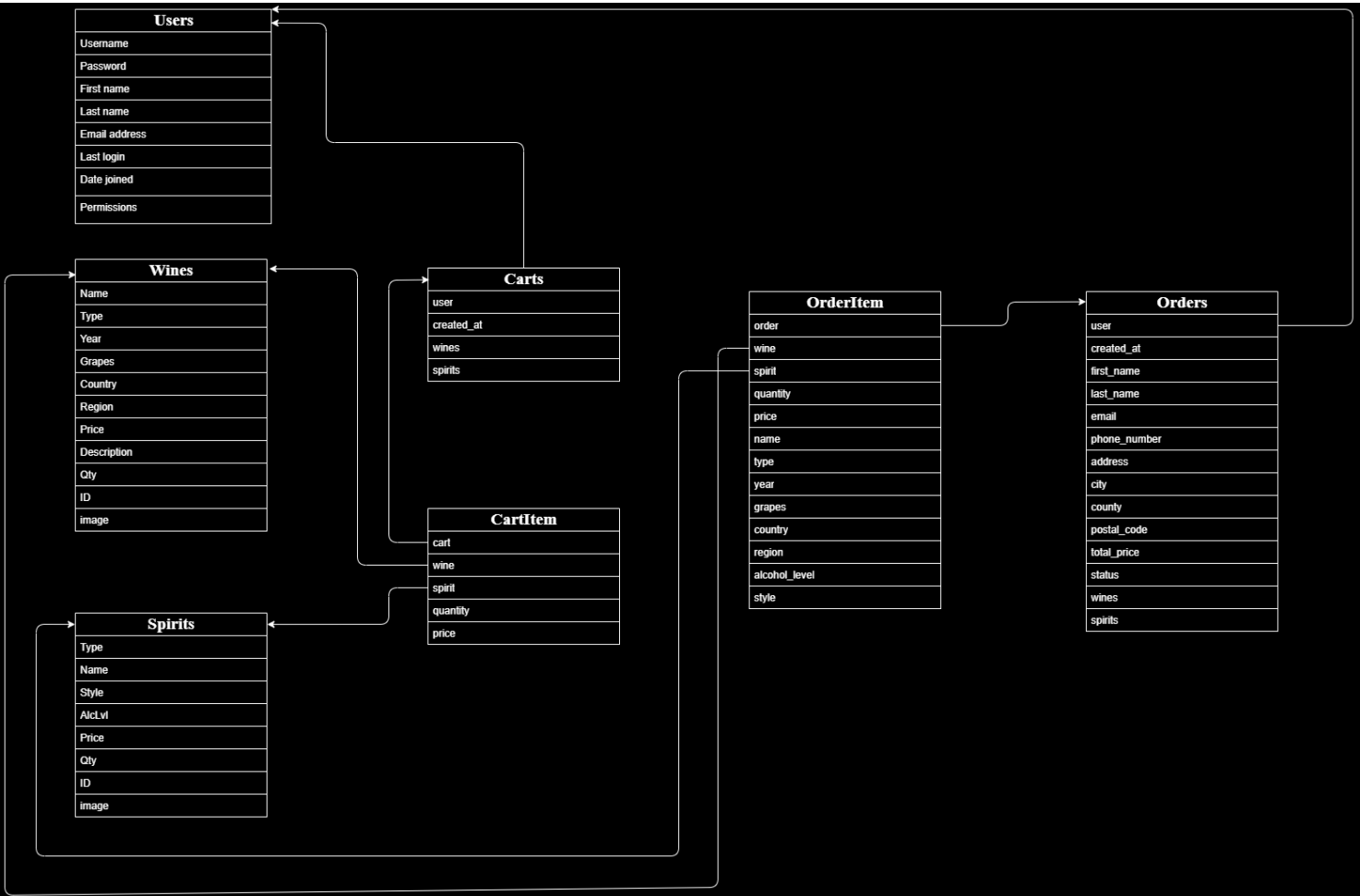
Welcome, adminAdmin Dashboard0🛒Log out

All Orders (to view it click on the order ID for each order, you can sort by OrderID, Total Price or Status, just click on them)

Order ID	User	First Name	Last Name	Email	Phone Number	Address	City	County	Postal Code	Total Price	Created At	Status
1	AlexandruCL	Alexandru	Cristea	alex.cristea.laur2004@gmail.com	0757135288	Lt Ma Duma, 5	Arad	Arad	310327	685.00 RON	Jan. 5, 2025, 5 p.m.	Pending
2	AlexandruCL	Alexandru	Cristea	alex.cristea.laur2004@gmail.com	0757135288	Lt Ma Duma, 5	Arad	Arad	310327	255.00 RON	Jan. 5, 2025, 5:03 p.m.	Pending



Below is the database schema, along with explanations about it.



- Users**
- **Users** table contains user information such as username, password, first name, last name, email address, last login, date joined, and permissions.
- Wines**
- **Wines** table contains information about wines, including name, type, year, grapes, country, region, price, description, quantity, ID, and image.
- Spirits**
- **Spirits** table contains information about spirits, including type, name, style, alcohol level, price, quantity, ID, and image.
- Orders**
- **Orders** table contains order information, including user (foreign key to Users), created at, first name, last name, email, phone number, address, city, county, postal code, total price, status, wines, and spirits.
 - **Orders** has a many-to-many relationship with **Wines** and **Spirits** through the **OrderItem** table.
- OrderItem**
- **OrderItem** table contains information about items in an order, including order (foreign key to Orders), wine (foreign key to Wines), spirit (foreign key to Spirits), quantity, price, name, type, year, grapes, country, region, alcohol level, and style.
 - **OrderItem** acts as an intermediate table to establish a many-to-many relationship between **Orders** and **Wines**, and between **Orders** and **Spirits**.
 - **OrderItem** are being created once a user placed an order. They are being created by iterating each item in **CartItem** in the **views.checkout()** function.
- Cart**
- **Cart** table contains cart information, including user (one-to-one relationship with Users), created at, wines, and spirits.
 - **Cart** has a many-to-many relationship with **Wines** and **Spirits** through the **CartItem** table.
- CartItem**
- **CartItem** table contains information about items in a cart, including cart (foreign key to Cart), wine (foreign key to Wines), spirit (foreign key to Spirits), quantity, and price.
 - **CartItem** acts as an intermediate table to establish a many-to-many relationship between **Cart** and **Wines**, and between **Cart** and **Spirits**.
 - A **CartItem** is created when a user presses the **Add to Cart** button. The **views.add_to_cart_function()** is being called and that will create a **CartItem**. When the button is pressed also the parameters for the function are being parsed. For **Wines** the item **type** will be **wine** (wine_list.html line 442) and for the **Spirits** the item **type** will be **spirit** (spirit_list.html line 394).
- Relationships Summary**
- **Users** can have one **Cart**.
 - **Users** can have multiple **Orders**.
 - **Orders** can contain multiple **Wines** and **Spirits** through **OrderItem**.
 - **Cart** can contain multiple **Wines** and **Spirits** through **CartItem**.
- These relationships are represented in the database schema and are implemented using foreign keys and many-to-many relationships through intermediate tables.