

Profu De' Vin

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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 login. 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.

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

creating tables

populating tables

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

[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:

[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:

[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:

[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:



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



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



Wine List

[Toggle Filters](#)

All Years ▾All Types ▾All Countries ▾All Regions ▾All Grapes ▾Sort By ▾Reset 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:

[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 crunch 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:

[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:

[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



Wine List

[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, lemons and rose petals. In the mouth, it is very dry but creamy and lively."
Available: 20 bottles
Price: 75.00 RON
Quantity to order:

[Add to Cart](#)[Edit wine](#)

Chablis 2023

Type: White
Year: 2023



Chateau Croix Cardinale 2020

Type: Red
Year: 2020
Grapes: Merlot and Cabernet Franc

Suckling: "Aromas of ripe plums and 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...."

[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:



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:



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:



Edit Wine


Name
Cava "Cupada" Rosé Brut nature

Price (RON)
75.00

Quantity
20

[Cancel](#)[Delete wine](#)[Save](#)

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



Welcome, AlexandruCLAdmin Dashboard0Log out

Spirit List


Search by nameSearch

Toggle Filters

Barcelo Imperial Ron 0.7l

Type: Rum
Alcohol Level: 40%
Available: 12 bottles
Price: 90.00 RON
Quantity to order: 1

Add to CartEdit spirit



Beluga Noble 0.7l

Type: Vodka
Alcohol Level: 40%
Available: 10 bottles
Price: 260.00 RON
Quantity to order: 1

Add to CartEdit spirit

Bevedere 0.7l

Type: Vodka
Alcohol Level: 40%
Available: 4 bottles
Price: 130.00 RON
Quantity to order: 1

Add to CartEdit spirit

Bumbu The Original 0.7l

Type: Rum
Alcohol Level: 40%
Available: 5 bottles
Price: 120.00 RON
Quantity to order: 1

Add to CartEdit spirit

Bumbu 0.7l

Type: Rum
Style: XO
Alcohol Level: 40%
Available: 5 bottles
Price: 140.00 RON
Quantity to order: 1

Add to CartEdit spirit

Delord 1965

Type: Armagnac
Alcohol Level: 40%
Available: 1 bottle
Price: 1450.00 RON
Quantity to order: 1

Add to CartEdit spirit

Delord Napoleon Ariane

Type: Armagnac
Alcohol Level: 40%
Available: 2 bottles
Price: 180.00 RON
Quantity to order: 1

Add to CartEdit spirit

Delord

Type: Armagnac
Style: XO
Alcohol Level: 40%
Available: 12 bottles
Price: 250.00 RON
Quantity to order: 1


Add to CartEdit spirit

Don Papa Baroko 0.7l

Type: Rum
Alcohol Level: 40%
Available: 15 bottles
Price: 160.00 RON
Quantity to order: 1

Add to CartEdit spirit

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



Welcome, AlexandruCLAdmin Dashboard0Log out

Spirit List

Search by nameSearch


Toggle Filters

All TypesAll StylesAll Alcohol LevelsSort ByReset Filters

Barcelo Imperial Ron 0.7l

Type: Rum
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Add to CartEdit spirit



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Don Papa Baroko 0.7l

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Add to CartEdit spirit

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



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Spirit List

Search by nameSearch

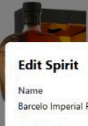
Toggle Filters

All TypesAll StylesAll Alcohol LevelsSort ByReset Filters

Barcelo Imperial Ron 0.7l

Type: Rum
Alcohol Level: 40%
Available: 12 bottles
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Quantity to order: 1

Add to CartEdit spirit



Beluga Noble 0.7l

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Bevedere 0.7l

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Type: Armagnac
Style: XO
Alcohol Level: 40%
Available: 12 bottles
Price: 250.00 RON
Quantity to order: 1

Add to CartEdit spirit

Don Papa Baroko 0.7l

Type: Rum
Alcohol Level: 40%
Available: 15 bottles
Price: 160.00 RON
Quantity to order: 1

Add to CartEdit spirit

Edit Spirit

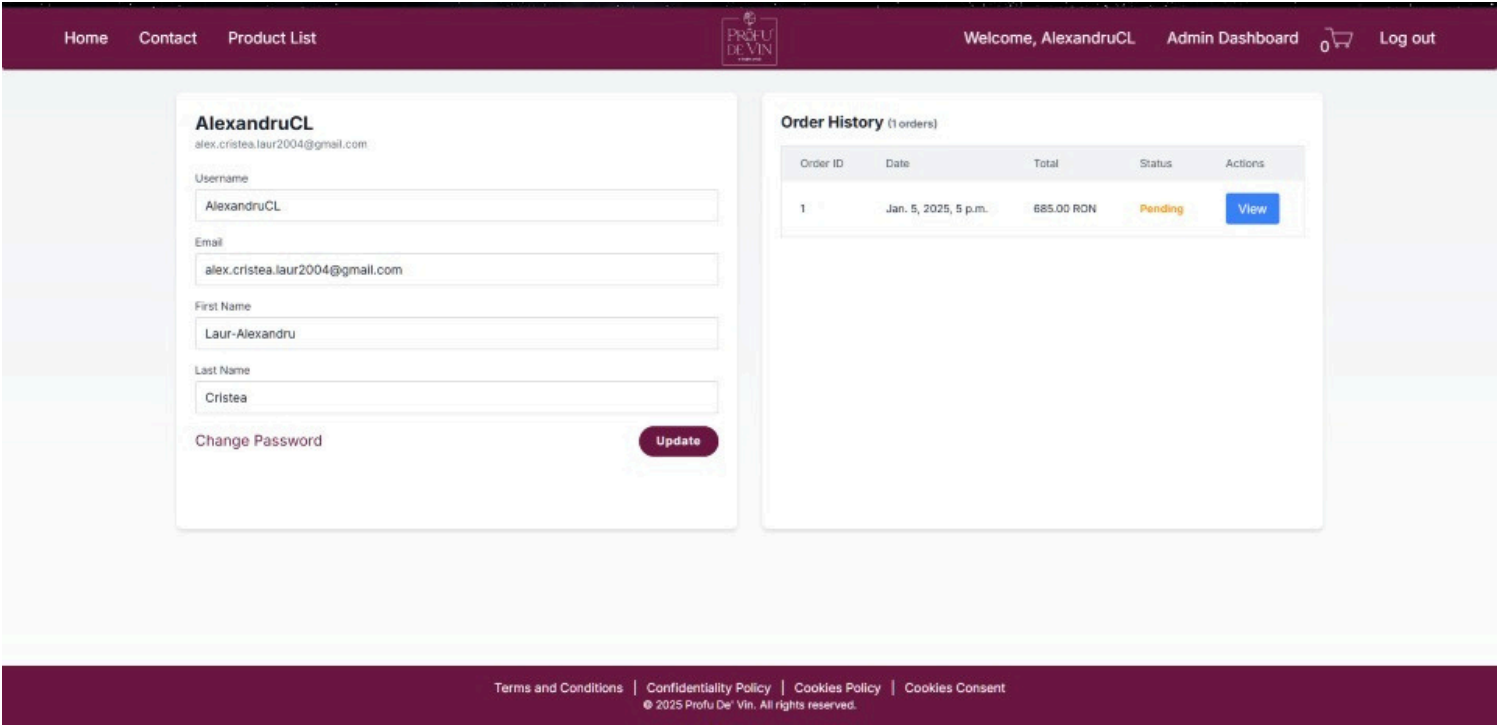
Name
Barcelo Imperial Ron 0.7l

Price (RON)
90.00

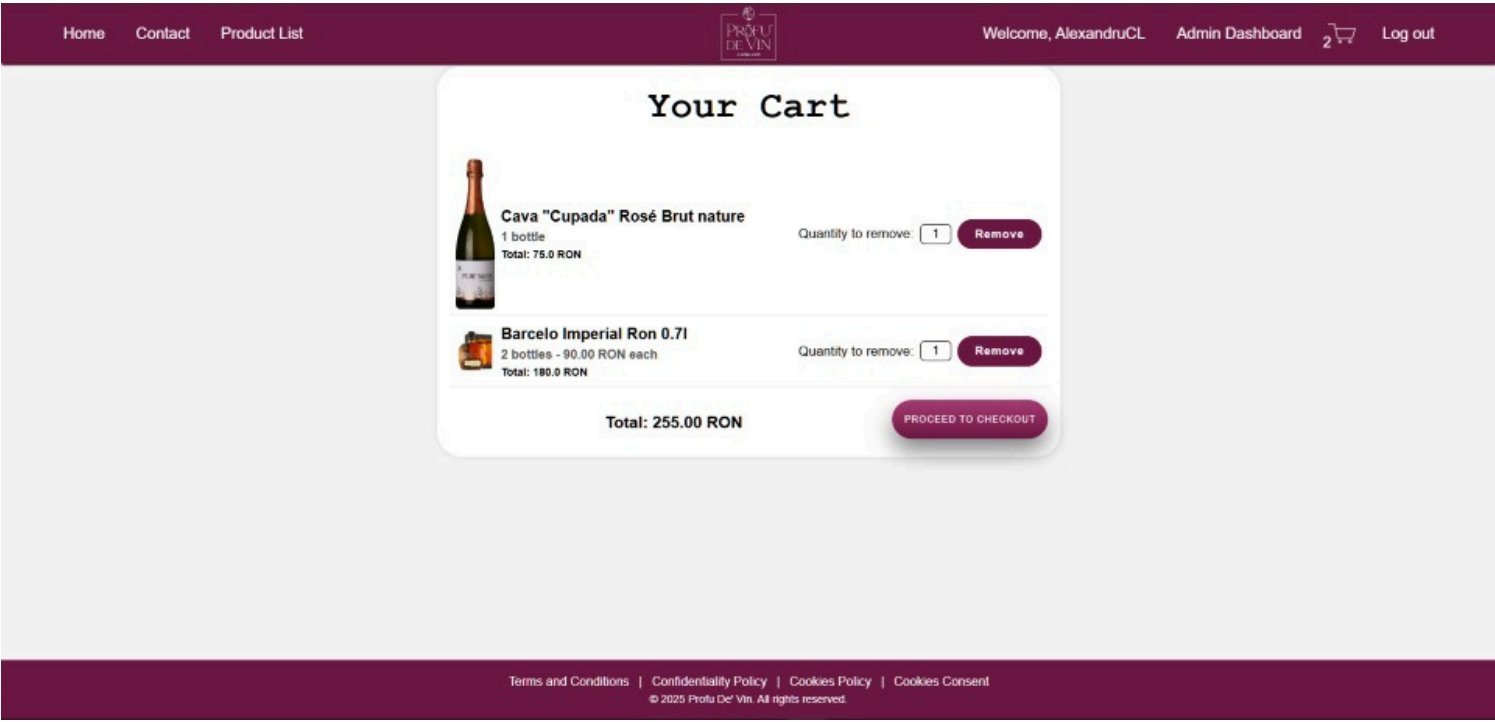
Quantity
12

CancelDelete spiritSave


Profile Page



Cart Page




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[Admin Dashboard](#)


2



[Log out](#)

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



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0




[Log out](#)

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

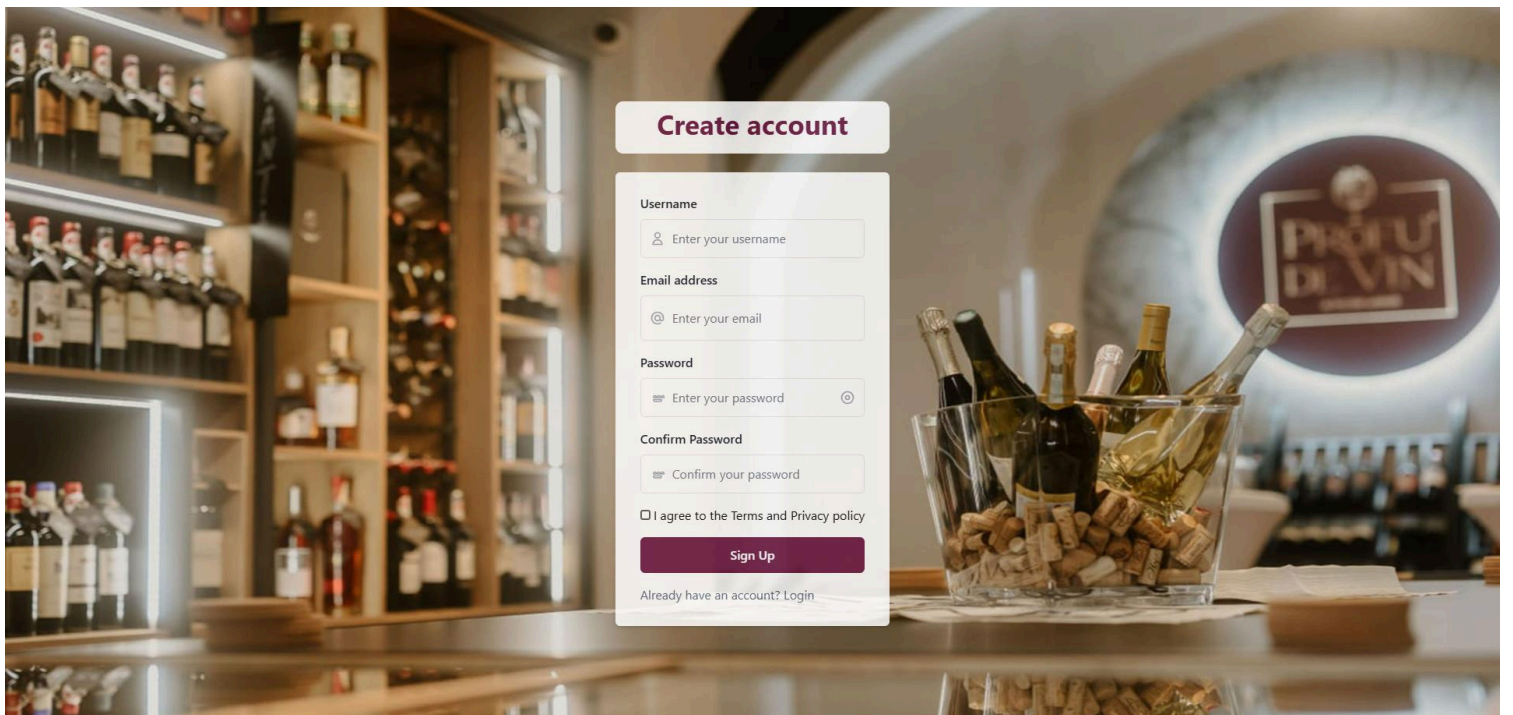
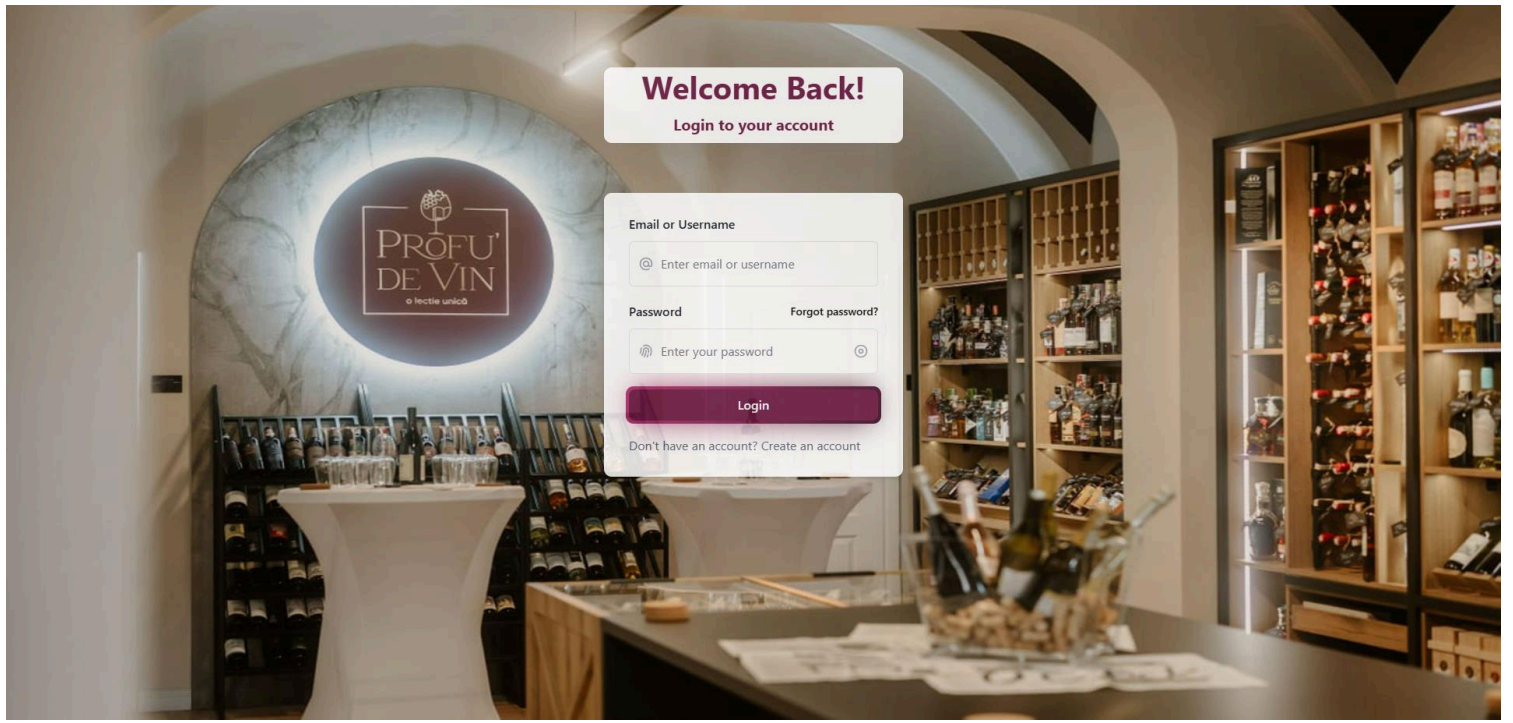
Quantity: 2

Price: 90.00 RON each


Total: 180.0 RON

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HomeContactProduct List



PROFUDU VIN

0

Welcome, adminAdmin DashboardLog out

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

Terms and Conditions


Confidentiality Policy

Cookies Policy

Cookies Consent

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PROFUDU VIN


0

Welcome, adminAdmin DashboardLog 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

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PROFUDU VIN

0

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Most Sold Wines in the last 30 days

Chateau de L'Escarolle Roumours

Chateau de L'Escarolle Paleis

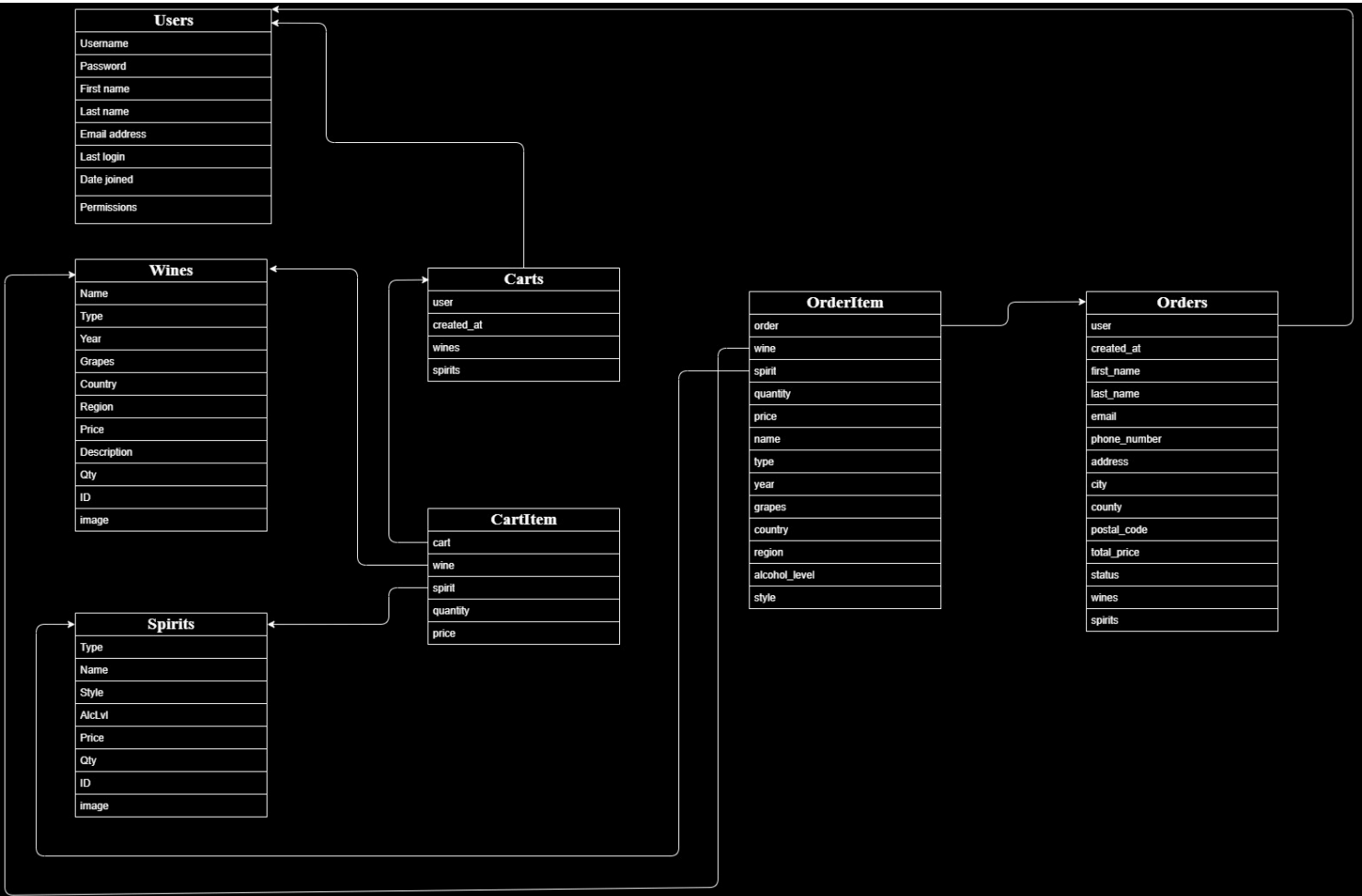
Chateau De Franco Les Celliers

Chateau Croix Cardinale 2020

Cave "Cupado" Rose Brut nature

Most Sold Spirits in the last 30 days

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.