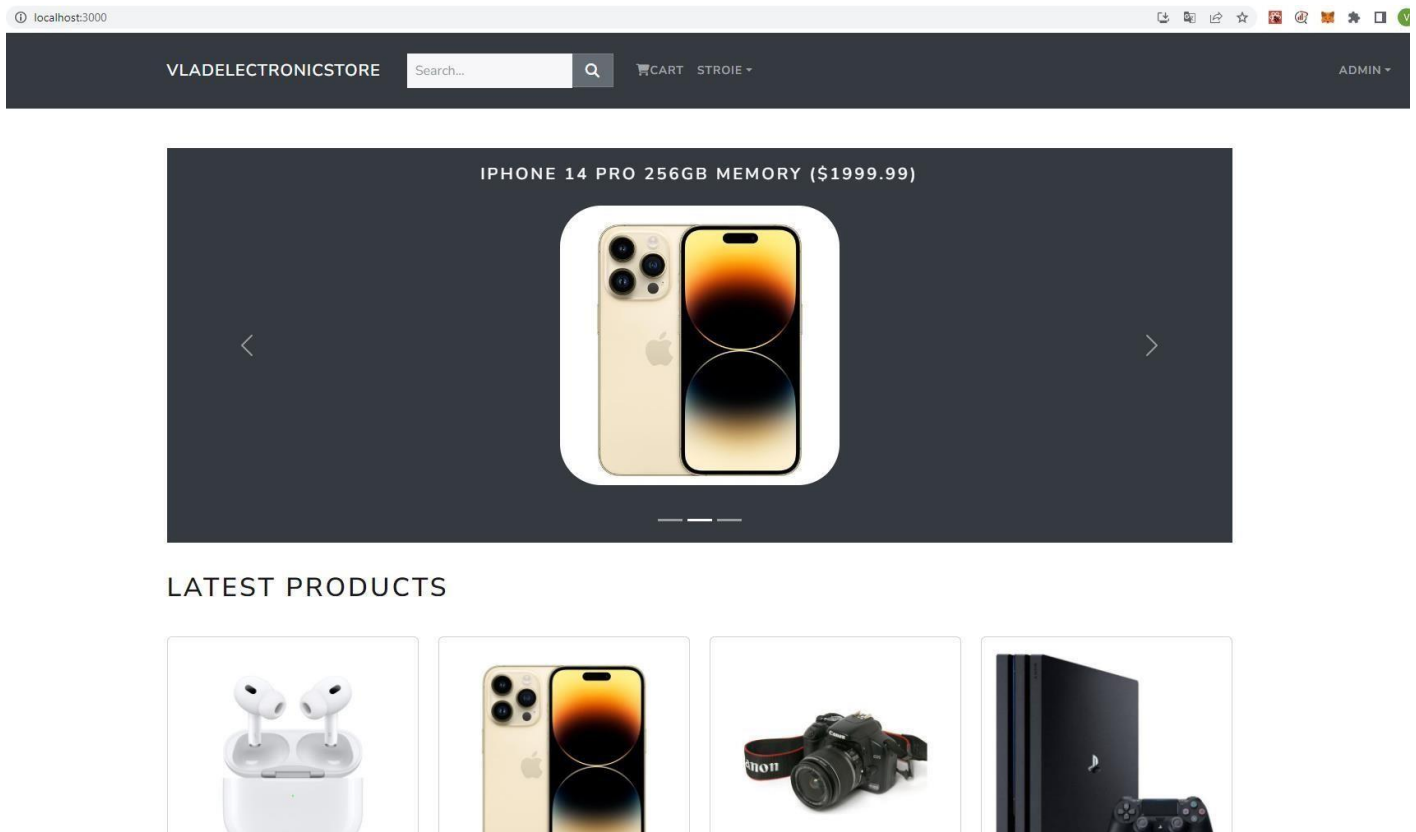


# E-commerce website using frontend and backend tools

**Link GitHub:** <https://github.com/stroievlad99/e-commerce-website/tree/going-back-before-deploying>

The project focuses on developing an e-commerce website dedicated to selling various electronic products. Within this project, key technologies and tools such as **HTML**, **CSS**, **Bootstrap**, **JavaScript**, **React**, **Redux**, **Django**, **DRF (Django Rest Framework)**, **JWT (JSON Web Tokens)**, and **Postman** were used. To manage application states and achieve reactive interface updates, the **Redux** architecture was employed in conjunction with **React**. For the backend part, **Django Rest Framework (DRF)** was used to create and manage the necessary APIs for the website's functionality. Authentication was implemented using **JWT**. Also integrated card payment functionality, utilizing the **PayPal Developer** platform for testing.

## ➤ Front-end interface



localhost:3000

Airpods Wireless Bluetooth Headphones

★★★★☆ 3 reviews

\$79.99

iPhone 14 Pro 256GB Memory

★★★★☆ 2 reviews

\$1999.99

Cannon EOS 80D DSLR Camera


★★★★☆ 1 reviews

\$539.99

Sony Playstation 4 Pro White Version

★★★★☆ 3 reviews


\$659.99



Logitech G-Series Gaming Mouse

★★★★☆ 2 reviews


\$49.99



Amazon Echo Dot 3rd Generation

★★★★☆ 1 reviews


\$245.99



Gaming Headphones RumNus

★★★★☆ 0 reviews

\$119.99



Apple iPad 9 (2021), 10.2

★★★★☆ 1 reviews

\$669.99

First

1

2

3

4

Last

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VLADELECTRONICSTORE

Search...

Q

CART

STROIE

GO BACK



## IPHONE 14 PRO 256GB MEMORY

★★★★☆ 2 reviews

Price: \$1999.99

Description: Introducing the iPhone 14 Pro. A transformative triple-camera system that adds tons of capability without complexity. An unprecedented leap in battery life

|             |              |
|-------------|--------------|
| Price:      | \$1999.99    |
| Status:     | Out of stock |
| ADD TO CART |              |

REVIEWS

John Doe2  
★★★★☆  
2023-06-02

Testing...

Stroie  
★★★★★  
2023-06-06

Iphone is the best smart phone.

WRITE A REVIEW

Rating

Select...

Review

SUBMIT

GO BACK



AIRPODS  
WIRELESS  
BLUETOOTH  
HEADPHONES

★★★★☆ 3 reviews

Price: \$79.99

Description: Bluetooth technology lets you connect it with compatible devices wirelessly High-quality AAC audio offers immersive listening experience Built-in microphone allows you to take calls while working

Price: \$79.99

Status: In stock

Quantity:

1

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

ADD TO CART

REVIEWS

Vlad  
★★★★☆

VLADELECTRONICSTORE

Search...



CART STROIE

SHOPPING CART



Cannon EOS 80D  
DSLR Camera

\$539.99

6



Airpods Wireless  
Bluetooth Headphones

\$79.99

1



SUBTOTAL (7) ITEMS

PRICE: (3319.93)

PROCEED TO CHECKOUT

## SIGN IN

Email Address

Password

SIGN IN

Create new account [Register](#)

## REGISTER

Name

Email Address

Password

Confirm Password

REGISTER

Have an account already? [Sign in](#)

Login

Shipping

Payment

Place order

### SHIPPING

Shipping: Boulevard Iuliu Maniu, Students hostel Leu A, Bucharest, Romania, Bucuresti, 065366, Bucuresti, Romania, 0760068512

### PAYMENT METHOD

Method: PayPal

### ORDER ITEMS



[Cannon EOS 80D DSLR Camera](#)

6 x \$539.99 = \$3239.94



[Airpods Wireless Bluetooth Headphones](#)

1 x \$79.99 = \$79.99

### ORDER SUMMARY

|           |           |
|-----------|-----------|
| Items:    | \$3319.93 |
| Shipping: | \$0.00    |
| Total:    | \$3319.93 |

PLACE ORDER

# ORDER: 75

## SHIPPING

Name: Stroie

Email: [stroie.vlad99@gmail.com](mailto:stroie.vlad99@gmail.com)

Shipping: Boulevard Iuliu Maniu, Students hostel Leu A, Bucharest, Romania, Bucuresti, 065366, Bucuresti, Romania, 0760068512

Not delivered

## PAYMENT METHOD

Method: PayPal

Not paid

## ORDER SUMMARY

Items: \$3319.93

Shipping: \$0.00

Total: \$3319.93

PayPal

Card de debit și de credit

Cu tehnologia PayPal

## ORDER ITEMS



[Canon EOS 80D DSLR Camera](#)

6 x \$539.99 = \$3239.94



[Airpods Wireless Bluetooth Headphones](#)

1 x \$79.99 = \$79.99

VLADELECTRONICSTORE

Search...



CART

STROIE

ADMIN

Users

Products

Orders

## USERS

| ID                        | NAME       | EMAIL                   | ADMIN |   |
|---------------------------|------------|-------------------------|-------|---|
| 1                         | Vlad       | stroie.vlad99@gmail.com | ✓     | <input checked="" type="checkbox"/> EDIT <input type="checkbox"/> |
| 3                         | John Doe 3 | john3@email.com         | ✗     | <input checked="" type="checkbox"/> EDIT <input type="checkbox"/> |
| 4                         | John Doe1  | john1@gmail.com         | ✗     | <input checked="" type="checkbox"/> EDIT <input type="checkbox"/> |
| 5                         | John Doe2  | john2@gmail.com         | ✗     | <input checked="" type="checkbox"/> EDIT <input type="checkbox"/> |
| 7                         | Stroie     | stroie.vlad99@gmail.com | ✓     | <input checked="" type="checkbox"/> EDIT <input type="checkbox"/> |
| host:3000/admin/userlist# | billv      | bill@gmail.com          | ✗     | <input checked="" type="checkbox"/> EDIT <input type="checkbox"/> |

PRODUCTS

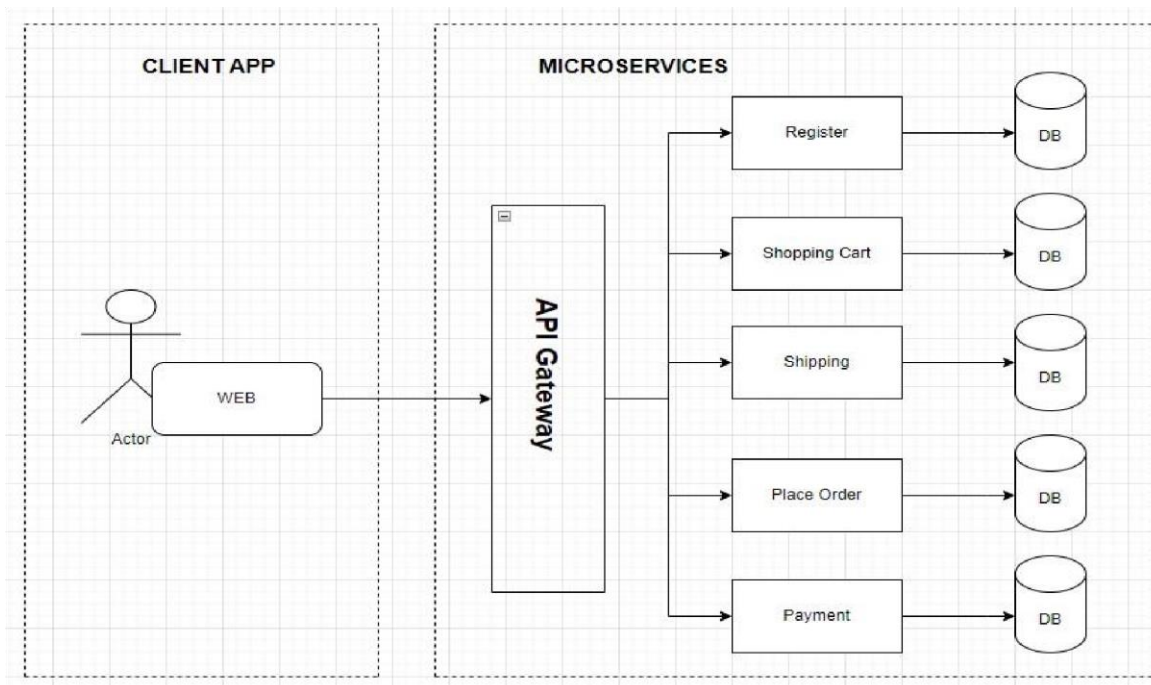
+ CREATE PRODUCT

| ID | NAME                                  | PRICE     | CATEGORY    | BRAND    |                                       |
|----|---------------------------------------|-----------|-------------|----------|---------------------------------------|
| 1  | Airpods Wireless Bluetooth Headphones | \$79.99   | Electronics | Apple    | <div><div>EDIT</div><div></div></div> |
| 2  | iPhone 14 Pro 256GB Memory            | \$1999.99 | Electronics | Apple    | <div><div>EDIT</div><div></div></div> |
| 3  | Cannon EOS 80D DSLR Camera            | \$539.99  | Electronics | Cannon   | <div><div>EDIT</div><div></div></div> |
| 4  | Sony Playstation 4 Pro White Version  | \$659.99  | Electronics | Sony     | <div><div>EDIT</div><div></div></div> |
| 5  | Logitech G-Series Gaming Mouse        | \$49.99   | Electronics | Logitech | <div><div>EDIT</div><div></div></div> |
| 6  | Amazon Echo Dot 3rd Generation        | \$245.99  | Electronics | Amazon   | <div><div>EDIT</div><div></div></div> |

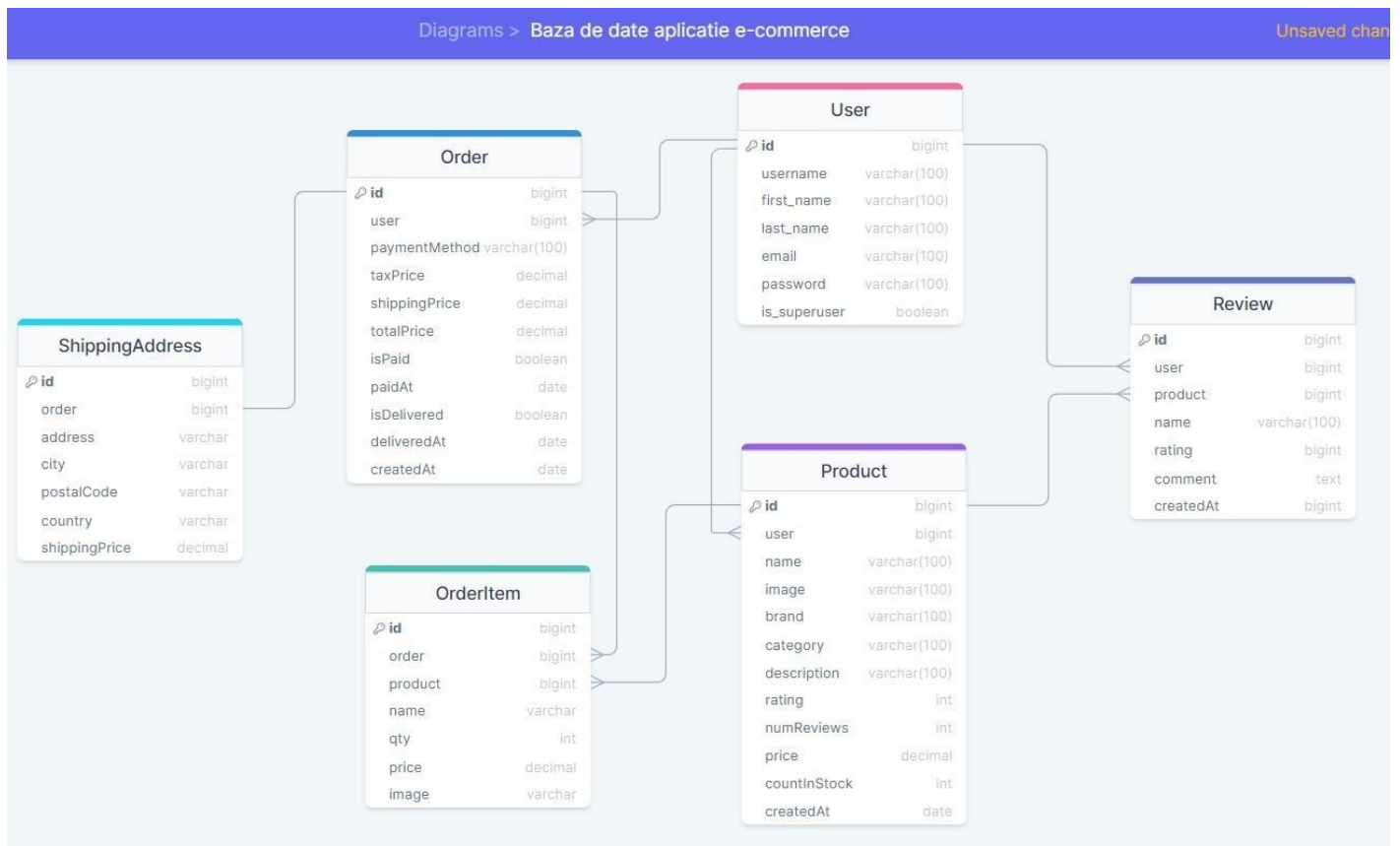
ORDERS

| ID | USER      | CREATED AT | TOTAL PRICE | IS PAID    | IS DELIVERED |                    |
|----|-----------|------------|-------------|------------|--------------|--------------------|
| 1  | John Doe2 | 2023-05-18 | \$2839.94   | X          | X            | <div>DETAILS</div> |
| 2  | John Doe2 | 2023-05-18 | \$2839.94   | 2023-06-01 | 2023-06-17   | <div>DETAILS</div> |
| 3  | John Doe2 | 2023-05-18 | \$2839.94   | X          | X            | <div>DETAILS</div> |
| 6  | John Doe2 | 2023-05-18 | \$2839.94   | X          | X            | <div>DETAILS</div> |
| 7  | John Doe2 | 2023-05-18 | \$2839.94   | X          | X            | <div>DETAILS</div> |
| 9  | John Doe2 | 2023-05-18 | \$2839.94   | X          | X            | <div>DETAILS</div> |

## ➤ Website architecture



## ➤ Database



➤ Logical scheme for software development of the platform

