

# Juice Shop Documentation

## **Group 14**

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## 1) Overview documentation

OWASP Juice Shop is an interactive web platform presented as an online store for exotic juices and smoothies. But behind the store's attractive facade lies a powerful cybersecurity training tool.

**User-friendly storefront:** Juice Shop presents a clean and intuitive interface that resembles a modern online store. Users can easily browse through a categorized product list, view detailed descriptions and high-quality images, and add items to their shopping cart.

**Frictionless checkout experience:** The checkout process is streamlined and efficient, allowing users to register or continue as a guest, select their preferred payment method (including playful, fictional options like "Rainbow Coins"), and finalize their orders with ease.

**Enhanced engagement features:** User reviews, order tracking, and account management functionalities provide a familiar and engaging shopping experience. The integration of Bender, the virtual mascot, adds a touch of personality and encourages interaction.

**Gamification elements:** Points earned through completed challenges contribute to a gamified shopping experience, boosting user engagement and motivation. Surprise discounts and hidden Easter eggs further incentivize exploration and discovery within the platform.

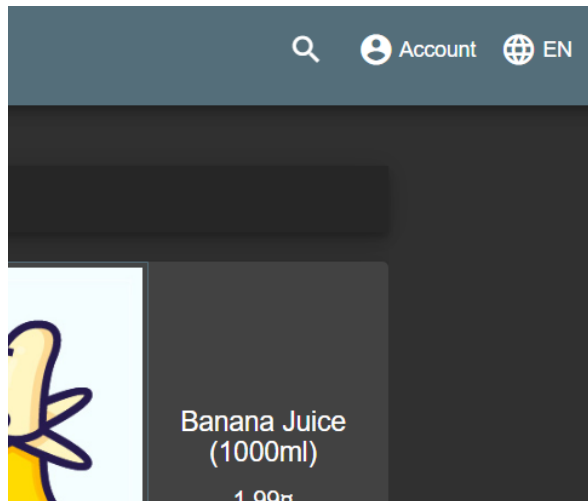
## 2) Onboarding documentation

### a) How to create a profile and log in on the Juice Shop App

#### **1. Access the application:**

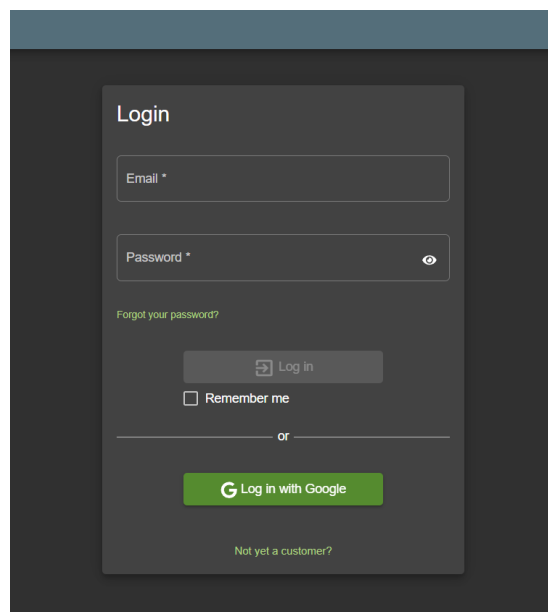
- Open your web browser and navigate to the OWASP Juice Shop website:  
<https://juice-shop.herokuapp.com/>: <https://juice-shop.herokuapp.com/>

#### **2. Click on "Account":**



- In the top right corner of the homepage, click on the "Account" button.
- A dropdown with Login appears, which you should click.
- You will be redirected to the Login page.

**3. Choose "Not yet a customer?":**



- On the Login page, click on "Not yet a customer?".
- You will be redirected to the User Registration page.

**4. Fill in the registration form:**

The image shows a 'User Registration' form on a dark background. The form contains the following fields and elements:

- Email \***: An empty text input field.
- Password \***: An empty text input field. Below it, a message reads 'Password must be 5-40 characters long.' with a character count of '0/20'.
- Repeat Password \***: An empty text input field. Below it, a character count of '0/40' is shown.
- Show password advice**: A toggle switch that is currently turned off.
- Security Question \***: A dropdown menu. Below it, a message reads 'This cannot be changed later!'.
- Answer \***: An empty text input field.
- Register**: A button at the bottom with a user icon and the text 'Register'.

- Enter the following information in the provided fields:
  - Email address
  - Password, 5-40 characters long
  - Repeat the password
  - Choose a security question
  - Answer the question

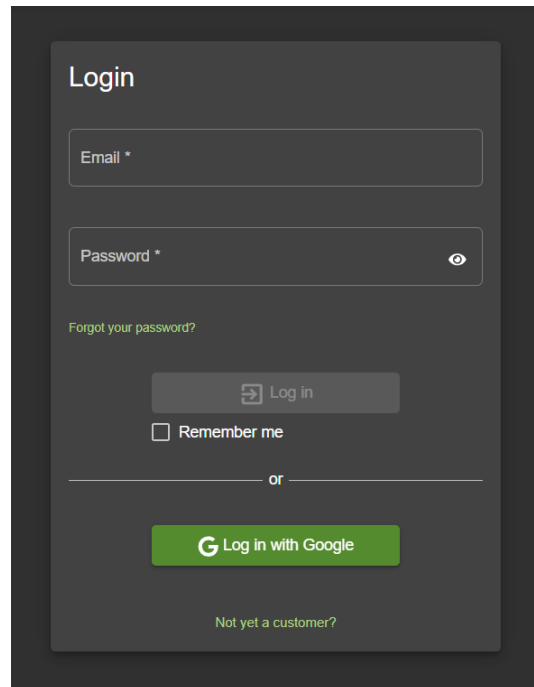
The image shows the same 'User Registration' form, but now with the following data entered:

- Email \***: 'user@email.com'
- Password \***: Masked with dots. The character count is '17/20'.
- Repeat Password \***: Masked with dots. The character count is '17/40'.
- Show password advice**: The toggle switch is now turned on, and the text 'Show password advice' is highlighted in green.
- Security Question \***: 'Mother's maiden name?' (The dropdown menu is open, showing this option).
- Answer \***: 'Jane'
- Register**: The button is now highlighted with a green border.

- Click the highlighted "Register" button.

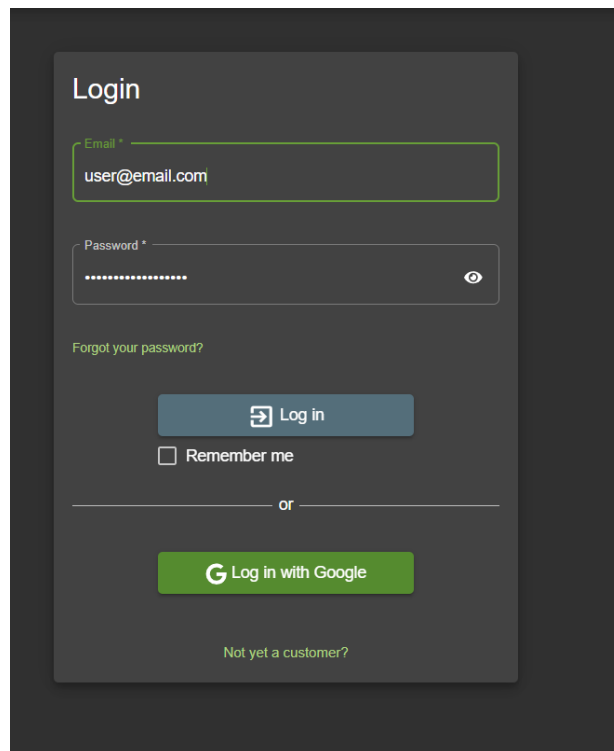
- You will be redirected to the Login page and get a message that the registration is successful.

## 6. Log in to your account:



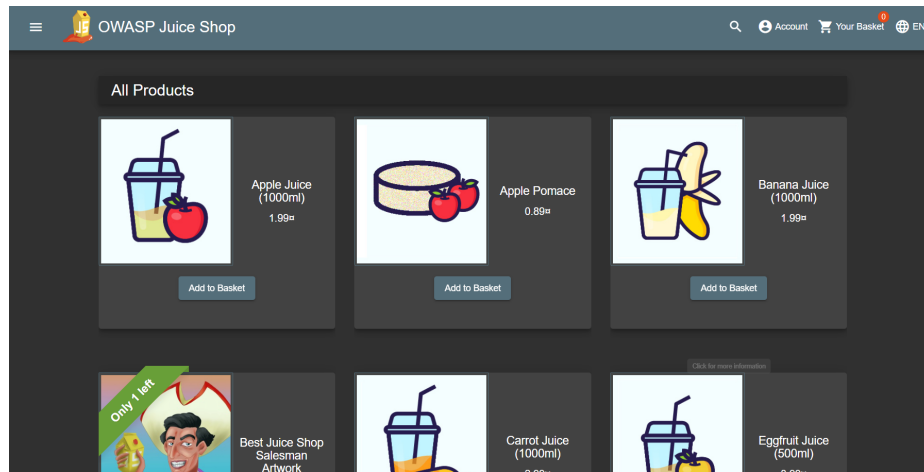
A screenshot of a login form titled "Login". It features two input fields: "Email \*" and "Password \*". Below the password field is a link "Forgot your password?". There is a "Log in" button with a key icon, a "Remember me" checkbox, and a separator line with the word "or". Below the separator is a green button "Log in with Google". At the bottom is a link "Not yet a customer?".

- Once your account is created, if you aren't on the Login page you can log in by clicking the "Account" and "Login" buttons again
- Enter your email address and password
- Click the "Log in" button.



A screenshot of the same login form, but now the "Email \*" field contains the text "user@email.com" and the "Password \*" field is filled with dots. The "Log in" button is now highlighted in blue. The "Remember me" checkbox remains unchecked. The "Log in with Google" button and the "Not yet a customer?" link are still visible at the bottom.

## 7. Start exploring the Juice Shop:

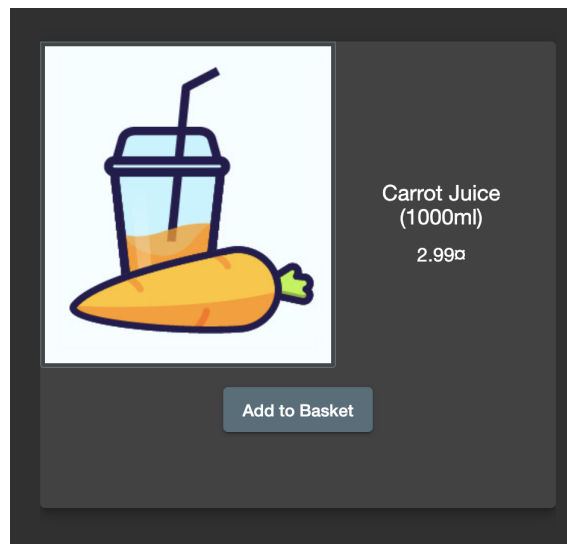


After logging in, you'll be able to access all features of the Juice Shop, including the scoreboard, challenges, and various vulnerable functionalities.

## b) How to place an order on the Juice Shop App

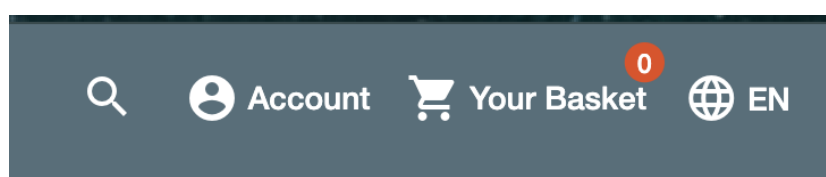
### 1. Adding items to your basket

- Browse through the menu and find the items you would like to order.
- Click the "Add to Basket" button next to each item you want to add.

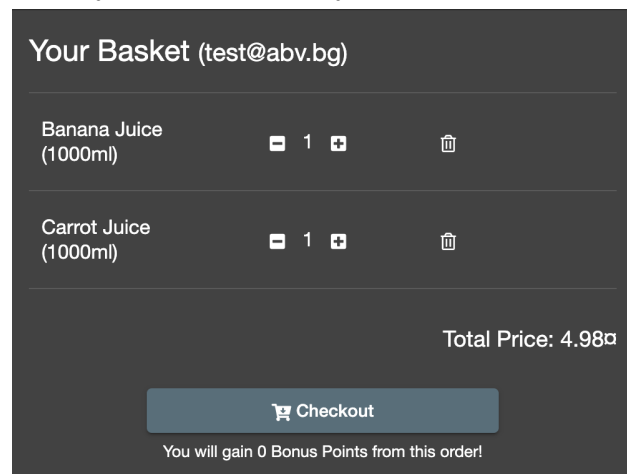


### 2. Reviewing Your Basket:

- Click on the "Your Basket" icon in the top right corner of the screen.



- This will display a list of items in your basket, along with their quantities and prices.
- You can adjust the quantity of an item by clicking on the '+' or '-' buttons. To remove an item from your basket entirely, click on the basket icon next to it.



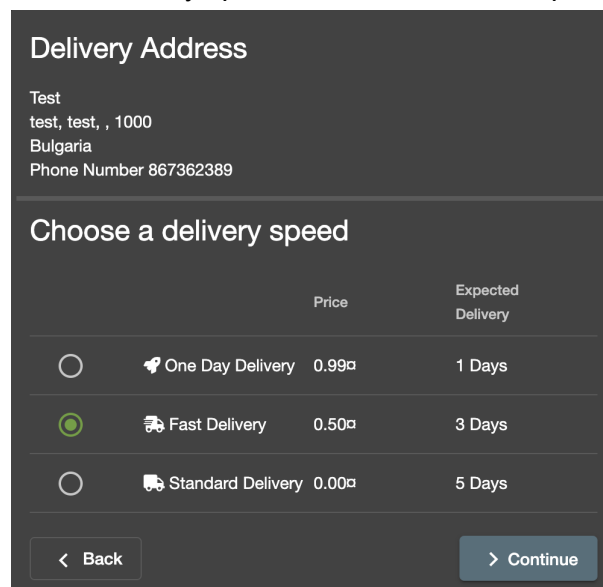
- Check that everything is correct before proceeding.

### 3. Checkout process:

- If everything in your basket looks good, click the "Checkout" button.
- Select delivery address
  - Choose an existing address from your saved addresses.


OR

  - Click "Add New Address" button to enter new delivery address.
- Choose a delivery speed
  - Select the desired delivery speed from the available options.



- Select a payment method:
  - Choose your preferred payment method, such as credit card, pay using wallet etc.

### My Payment Options


\*\*\*\*\*0234
test
11/2083

Add new card
Add a credit or debit card

Pay using wallet
**Wallet Balance 0.00**
Pay 5.48

Add a coupon
Add a coupon code to receive discounts

Other payment options

< Back
You can review this order before it is final:
> Continue

- Review order summary:
  - Carefully review the final order summary, including items, quantities, prices, delivery address and payment method.
  - If everything is correct, click the “Place your order and pay” button to complete your purchase.

**Delivery Address**  
Test  
test, test, , 1000  
Bulgaria  
Phone Number 867362389

**Payment Method**  
Card ending in 0234  
Card Holder test

**Your Basket (test@abv.bg)**

|                       |   |
|-----------------------|---|
| Banana Juice (1000ml) | 1 |
| Carrot Juice (1000ml) | 1 |

**Order Summary**

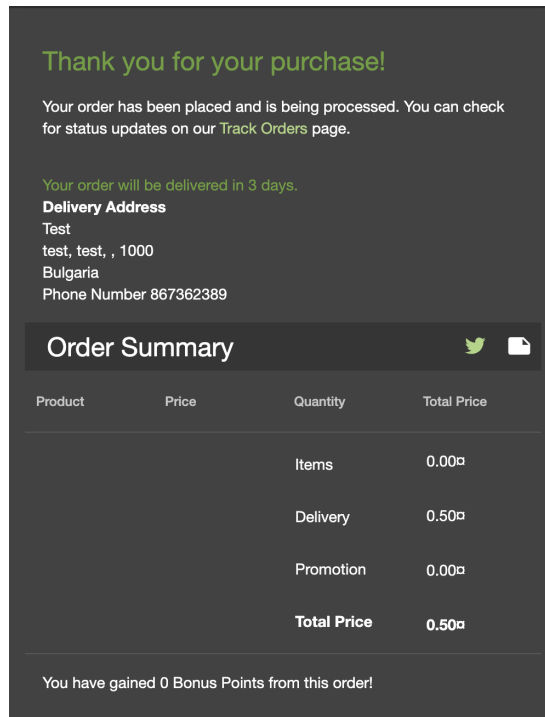
|                    |             |
|--------------------|-------------|
| Items              | 4.98        |
| Delivery           | 0.50        |
| Promotion          | 0.00        |
| <b>Total Price</b> | <b>5.48</b> |

Place your order and pay

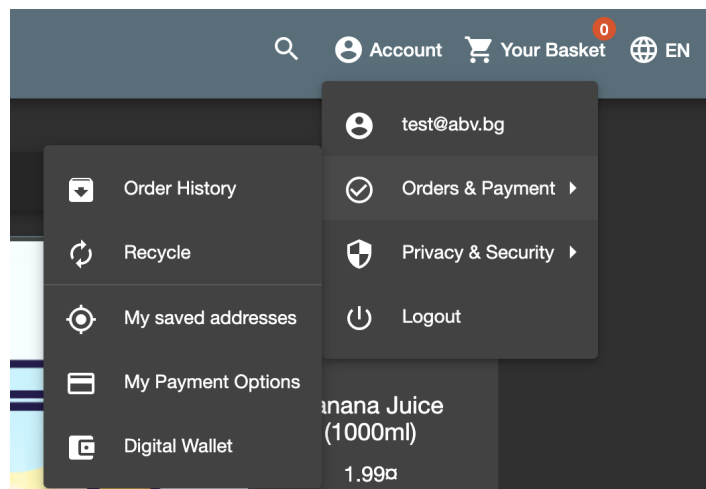
You will gain 0 Bonus Points from this order!

#### 4. Order confirmation:

- You'll receive an order confirmation screen displaying your order details.



- You can also see your order history by clicking on “Account” button on the top right corner of the screen and choose “Order History” from “Orders & Payment”



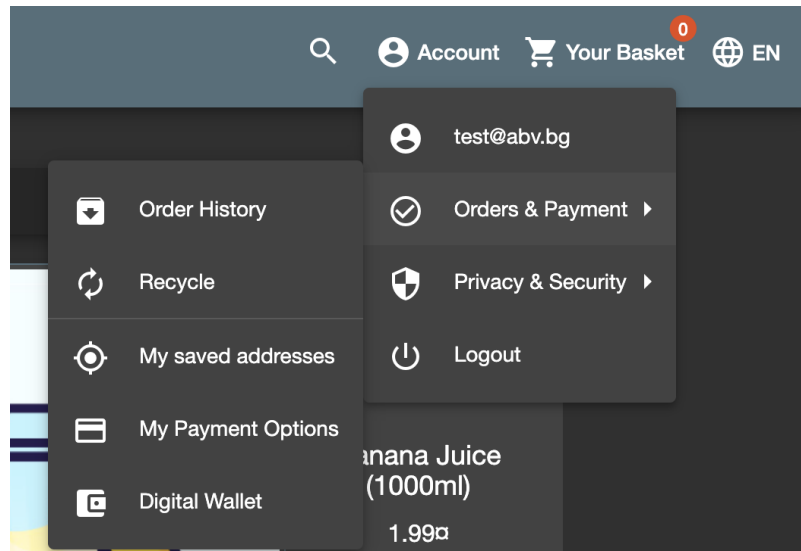
### c) Leaving a Review on the Juice Shop App

Leaving a review for your Juice Shop experience is a great way to share your feedback and help others discover this healthy goodness. Here's how to do it:

#### 1. Access orders:

- You can see your order history by clicking on “Account” button on the top right corner of the screen and choose “Order History” from “Orders & Payment”






## 2. Find your order:

- Locate the specific order you would like to review.
- To start the review process, locate the item you want to review and click on the rightmost icon in its row.

| Order ID<br>#af17-f8bef0c1b6d2d743 | Total Price<br>5.48a | Bonus<br>0 | In Transit  |  |
|------------------------------------|----------------------|------------|-------------|--|
| Product                            | Price                | Quantity   | Total Price |  |
| Banana Juice (1000ml)              | 1.99a                | 1          | 1.99a       |  |
| Carrot Juice (1000ml)              | 2.99a                | 1          | 2.99a       |  |

- This will display the item you want to review and review form.



### Banana Juice (1000ml)

Monkeys love it the most.

1.99a

Reviews (1)

Write a review

Review

Very good!

Max. 160 characters

10/160

Close

Submit

- Write the text in the “Review” form and press “Submit” button.
- Once you submit your review, you'll see a 'Your review has been saved' message appear at the bottom of the screen.