

# INSTRUCTION MANUAL

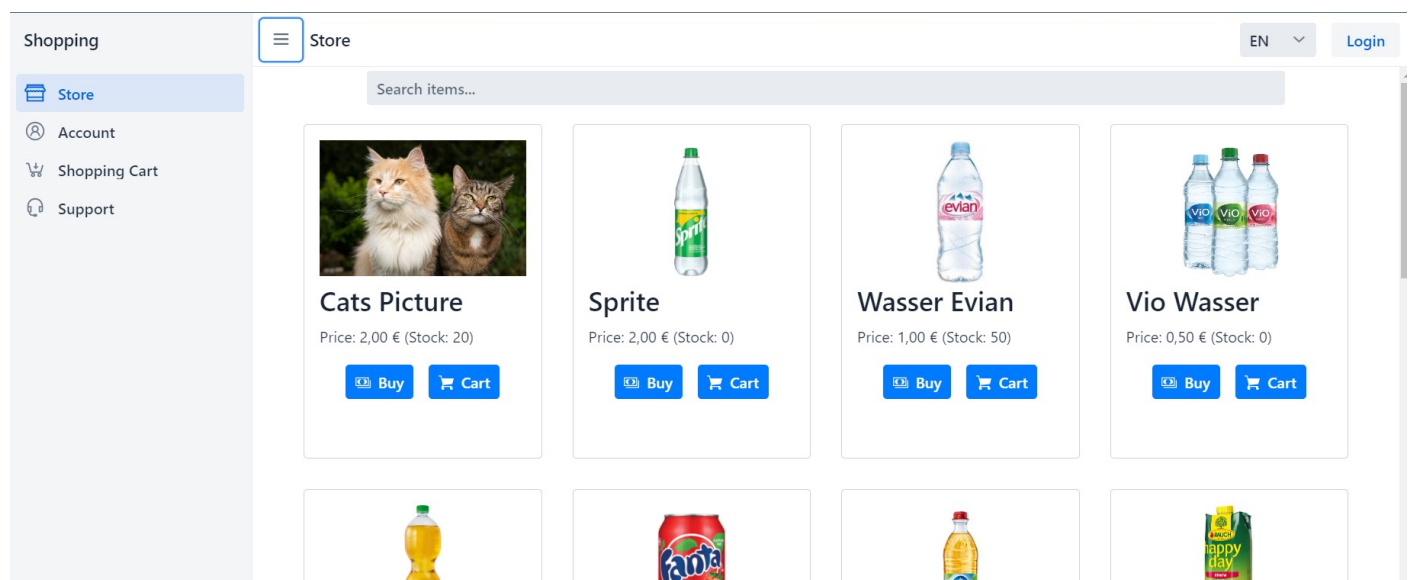
Tan Phat Tran, Stefan Dobrea  
TU-DARMSTADT

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Within this project, a Vaadin application is being developed that was originally designed for managing drinks but is now being extended to general item management. The goal is to provide an efficient solution for managing and billing items within the field of real-time systems. The application aims to enable employees to record their consumption and automate billing to replace the previously manually maintained Excel spreadsheet.

## Webstore Navigation




On the left side, you'll find the navigation section. The menu can be collapsed and expanded using the icon with three horizontal lines stacked on top of each other. This will allow you to hide or reveal the menu as needed. The navigation includes four sections, each of which will be discussed in detail in its respective chapter.

At the top of the view, the left side always displays name of the current section you are in. On the right side, you'll find a button for selecting the language. The available languages are German and English, with English set as the default. To change the language, simply click the button and select your preferred option (DE for German and EN for English).



Finally, to the right of the language switch, there is a button for logging in. The login and account creation processes will be explained later in the Account chapter.


## Store



### Cats Picture



Price: 2,00 € (Stock: 20)


 Buy  Cart



### Sprite



Price: 2,00 € (Stock: 0)

 Buy  Cart




### Wasser Evian

Price: 1,00 € (Stock: 50)

 Buy  Cart

The Store view is the default screen you see when you open the shop. It displays all the items available for purchase. For each item, you can view a picture, the current price, and the remaining stock. There are buttons to either purchase the item directly or add it to your shopping cart.



Close

### Sprite

**Description:** Enjoy the refreshing taste of Sprite, a lemon-lime soda that delivers a crisp and clean burst of flavor. Perfect for quenching your thirst with a hint of citrusy sweetness. Available in 500ml and 1L bottles.

**Ingredients:** Carbonated water, sugar, citric acid, natural lemon-lime flavor, sodium citrate, sodium benzoate (preservative).

2,00 €

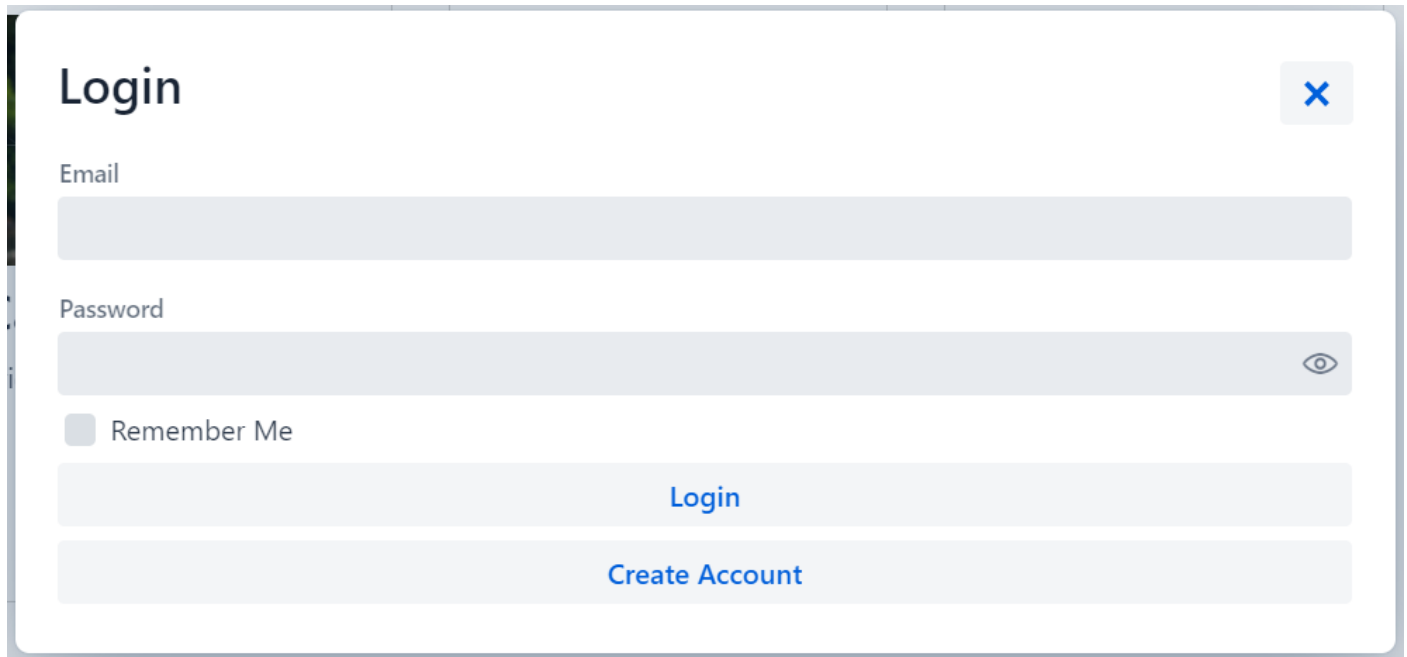
Buy Now

Add to Shopping Cart

If you click on an item, an expanded view with a more detailed description will appear, where you can also choose to buy the item or add it to your cart.

# Account

To log in or create an account, click the login button located in the upper right corner. A dialog will appear.

A login dialog box with a title bar. The title bar contains the word "Login" on the left and a close button (an 'X' in a square) on the right. Below the title bar, there are two input fields: "Email" and "Password". The "Password" field has an eye icon on its right side. Below these fields is a checkbox labeled "Remember Me". At the bottom of the dialog, there are two buttons: "Login" and "Create Account".

**Login**

Email

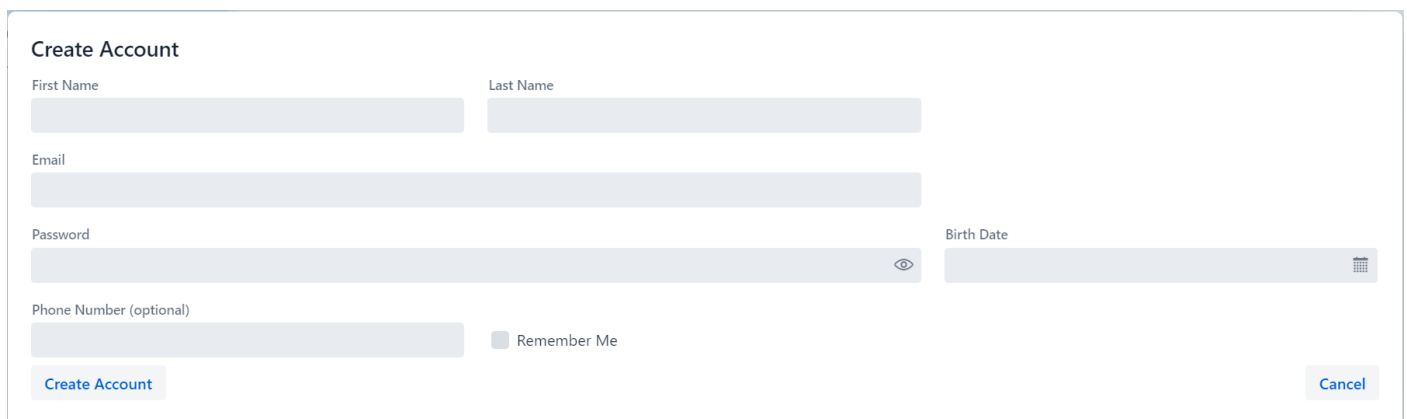
Password

☐ Remember Me

Login

Create Account

If you already have an account, enter your email and password, then click the login button. To have the webstore remember your login details, check the "Remember me" box. This will ensure you are automatically logged in the next time you visit the web shop.

A "Create Account" form. It has a title "Create Account" at the top left. Below the title, there are four input fields: "First Name", "Last Name", "Email", and "Password". The "Password" field has an eye icon on its right side. To the right of the "Password" field is a "Birth Date" field with a calendar icon. Below these fields is a "Phone Number (optional)" field and a "Remember Me" checkbox. At the bottom left is a "Create Account" button, and at the bottom right is a "Cancel" button.

**Create Account**

First Name Last Name

Email

Password Birth Date

Phone Number (optional) ☐ Remember Me

Create Account Cancel

If you don't have an account, click the "Create Account" button and enter your personal information into the provided fields. You can also choose to be remembered by checking the box. Once you've completed the form, click the "Create Account" button. After your information is validated, your account will be created. If there are any issues, the affected fields will be highlighted in red, and an error message will be displayed for each problem field.

Please note that your account will initially be set to a restricted status until an admin updates your account status.

There are four types of accounts:

**Restricted:** These accounts have not yet been verified by an admin. Restricted accounts cannot make purchases or transactions.

**Standard:** Standard accounts can make purchases and perform transactions with other users.

**Closed:** Closed accounts are not deleted but deactivated. They cannot log in or make transactions and cannot receive any funds.

**Admin:** Admin accounts have all the capabilities of standard accounts, plus additional features that will be detailed in the Admin chapter.

In the Account view, you have access to several sections:

General Information	
Name ↕	Value ↕
First Name	Stefan
Last Name	Dobrea
Email	dobreastefan68@gmail.com
Password	
Birth Date	2002-12-08
Phone Number	017634605567
Account Balance	500,00 €
Debt Limit	0,00 €
State	ADMIN

**General Account Information:** Here, you can review your overall account details.

**Transaction History:** This section displays a list of your most recent transactions, and you can search through their descriptions.

Transactions				
Search				
Search by transaction Text				
Transfer Money				
Amount	Sender ↕	Receiver ↕	Text ↕	Date
20,00 €	Stefan Dobrea	Paul Clark	The cat (Felis catus), also ...	14.09.2024 19:23:46
592,00 €	Stefan Dobrea	Store	Sprite x 296;	13.09.2024 04:59:07
2,00 €	Stefan Dobrea	Store	Cats Picture	13.09.2024 04:46:11
378,00 €	Stefan Dobrea	Store	Pepsi x 189;	12.09.2024 19:50:30
2,00 €	Stefan Dobrea	Store	Cats Picture	12.09.2024 18:36:02
6,00 €	Stefan Dobrea	Store	Cats Picture x 2; Sprite x 1;	09.09.2024 18:24:12
2,00 €	Stefan Dobrea	Store	Cats Picture	09.09.2024 18:24:02

To initiate a transaction, click the "Transfer Money" button, enter the recipients email adress, amount, and a description. Click "Save" to complete the transaction.

Receiver

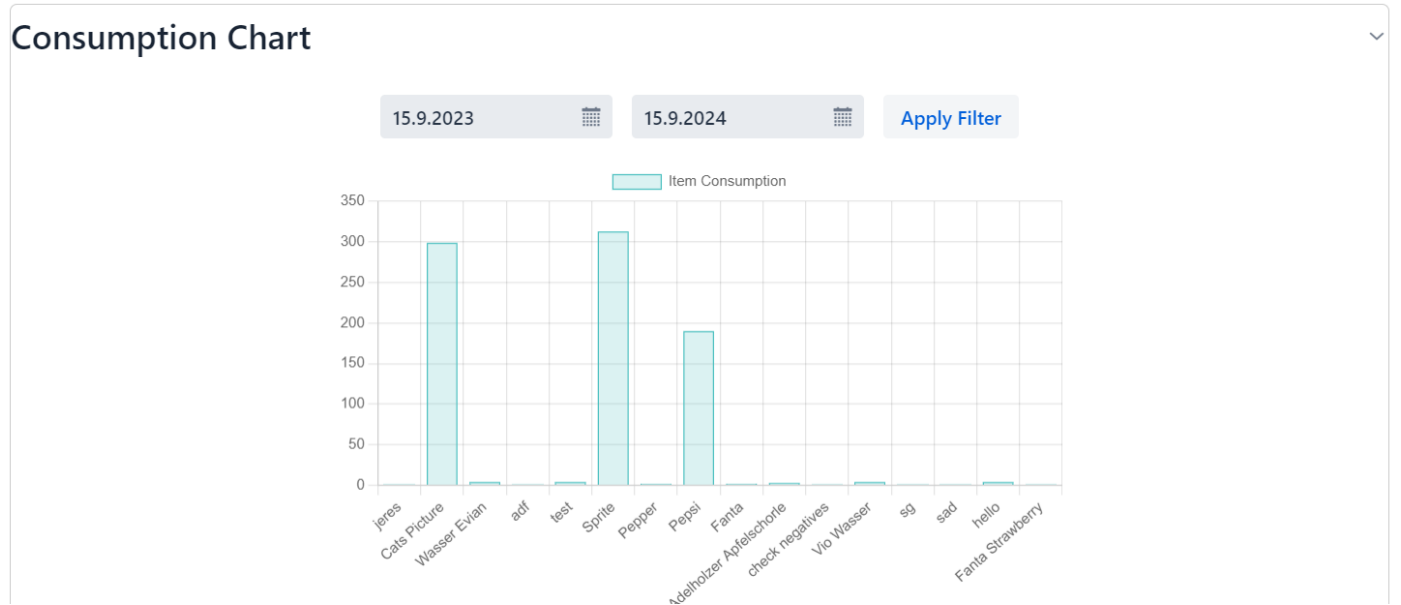
Amount

Transaction Text

Save



Cancel

Purchase History Chart: You can view your recent purchases in a graphical format. Select the date range to generate and display the chart.



## Shopping Cart

In the shopping cart you can see the items you previously added. You can also set the number of each item you want to buy. The total will be calculated automatically. If you want to remove items enter 0 as the quantity for that item. If you want to check out your cart press buy now.

Image	Name	Price	Stock	Quantity
	Cats Picture	2,00 €	18	<input type="button" value="−"/> 1 <input data-bbox="1133 264 1287 306" type="button" value="+"/>
	Adelholzer	2,00 €	29	<input type="button" value="−"/> 1 <input data-bbox="1133 432 1287 474" type="button" value="+"/>

Total: 4,00€

[Buy Now](#)

Your shopping cart shows the items you've selected. Adjust the quantity for each item to match your desired amount. The total will update automatically. To remove an item, set its quantity to 0. Ready to proceed? Click 'Buy Now'.

## Support

≡ Support

EN

[Stefan](#)

[Download Instruction Manual](#)

Suggestions

Enter your suggestions here...

[Submit](#)

In the Support section, you can download the user manual if you encounter any technical issues. Additionally, you can submit suggestions directly to the admin, who will be automatically notified via email.

## Admin

The Admin has access to a range of specific options and features to ensure the store operates smoothly:

Account Management: The Admin can view and search through a list of all accounts.

## Accounts List

Search

Search by name or phone

First Name	Last Name	Balance	Phone Number	Debt Limit	State
Ursula	Harris	0,00 €	5551234569	0,00 €	RESTRICTED
Victor	Walker	0,00 €	5552345680	0,00 €	RESTRICTED
Stefan	Dobrea	493,00 €	017634605567	0,00 €	ADMIN
Store		1655,00 €		0,00 €	STANDARD
Max	Der	0,00 €		0,00 €	STANDARD
Mert	Karto	0,00 €	0923498523	0,00 €	STANDARD
Karim	Abdullah	0,00 €		0,00 €	RESTRICTED

By selecting an account, they can view and edit its details, and save any changes using the save button.

Harris

Email

ursulaharris@example.com

Password

.....

Birth Date

21.3.1995

Phone Number

5551234569

Debt Limit

0.0

Balance

0.0

State

RESTRICTED

Cancel

Save

Item Management: The Admin can access and search through all items in the shop.

Search

Search by name or description


## Items List

Image	Name	Description	Price	Stock
	Kirschsaft	Zutaten: Kirsche, Wasser, ...	4,00 €	20
	Orangensaft	Zutaten: Orange	3,00 €	10

Clicking on an item reveals its details, which can be edited as needed.



Save
✕



Name

Image URL

Select file...
📁 Drop file here...

Description

Zutaten: Orange

Price

Stock

Delete Item

New items can be created by pressing the "Create Item" button and filling out the form. The item's image can be added via a link or direct upload. If you want to make the description more visually appealing you can use tags like `<strong>` (see list in the end).

Save
✕

Name

Image URL

Select file...
📁 Drop file here...

Description

Price

Stock

Transaction Management: The Admin can view and search through all transactions. Clicking on a transaction provides detailed information.

## Transactions List

Search

Search by sender, receiver, or text

Sender	Receiver	Transaction Text	Amount	Date
Stefan Dobrea	Store	Wasser Evian x 3; Cats Pic...	7,00 €	15.09.2024 14:59:46
Stefan Dobrea	Paul Clark	The cat (Felis catus), also ...	20,00 €	14.09.2024 19:23:46
Stefan Dobrea	Store	Sprite x 296;	592,00 €	13.09.2024 04:59:07
Stefan Dobrea	Store	Cats Picture	2,00 €	13.09.2024 04:46:11
Stefan Dobrea	Store	Pepsi x 189;	378,00 €	12.09.2024 19:50:30
Stefan Dobrea	Store	Cats Picture	2,00 €	12.09.2024 18:36:02

Consumption Chart: The Admin can view a chart displaying the consumption of all shop items. They can set the time period for which the chart is compiled.

## Consumption Chart



## List of Tags for making item description

1. <h1>, <h2>, <h3>, <h4>, <h5>, <h6>: Headings of different levels
2. <p>: Paragraph
3. <b>: Bold text (less semantic than <strong>)
4. <i>: Italic text (less semantic than <em>)
5. <u>: Underlined text
6. <strong>: Important text, typically rendered as bold
7. <em>: Emphasized text, typically rendered as italic
8. <mark>: Highlighted text
9. <small>: Smaller text
10. <sup>: Superscript text
11. <sub>: Subscript text