

# Sporty Shoes Shopping Screenshots

By Christopher Menon

This is the screenshots for the Sporty Shoes Shopping project. The project is a web application that allows users to browse and purchase shoes. The application is built using the Spring Boot framework and the Thymeleaf templating engine, with a Bootstrap front-end.

Writeup of the application is in a separate file.

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## User Registration and Login

When the application is first run and opened, the user is greeted with the login page. If the user does not have an account, they can click on the "Register" link to create an account. If no user has been created, a banner is shown asking the user to create the admin user for the site.

The user cannot access any other pages until they have logged in.

The login page is shown below.

Sporty Shoes Shop - Login

No users found. Please register a user who will be the admin.

Enter your email and password to login!

Email address

Password

Submit

[Register a new account.](#)

Free delivery on all orders. © 2024 Sporty Shoes Shop.

The registration page is shown below.

Sporty Shoes Shop - Register

No users found. Please register a user who will be the admin.

Enter an email and password to register!

Email address

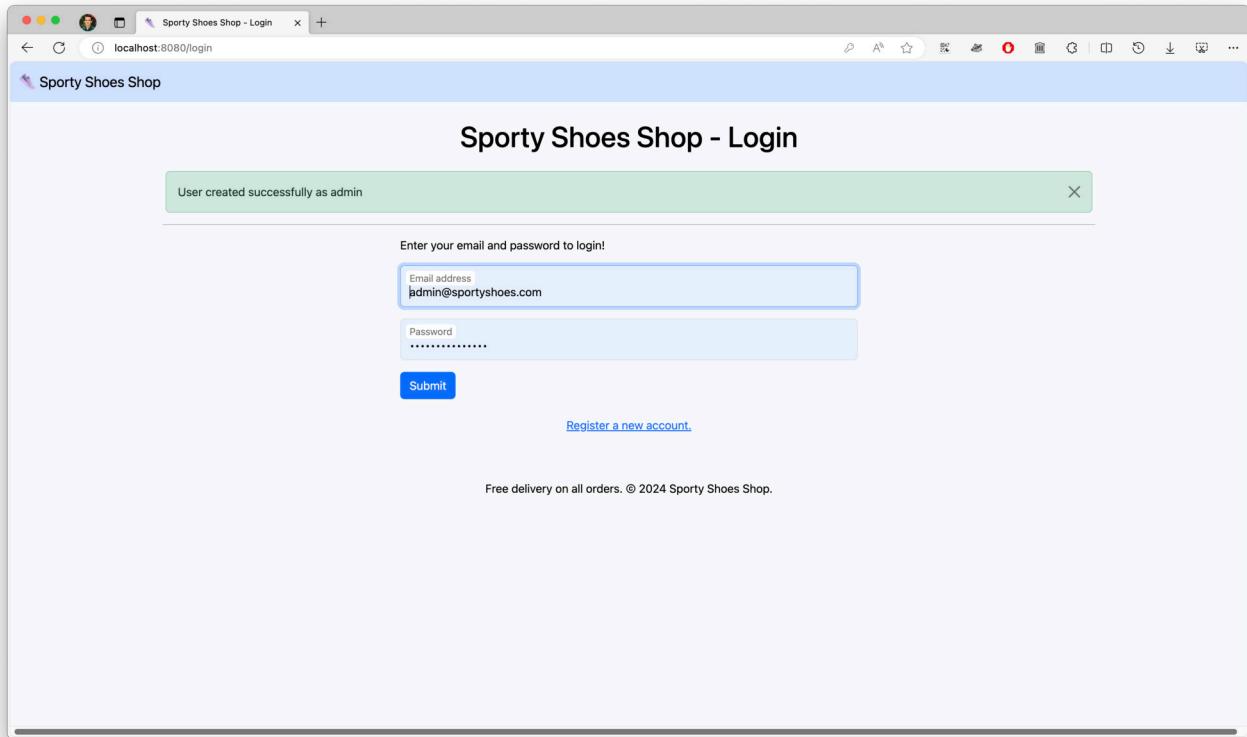
Password

Submit

[Login with an existing account.](#)

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Once a user has been registered, the user can log in with their email address and password. The web browser detects the login form, and fills in the email address and password automatically.



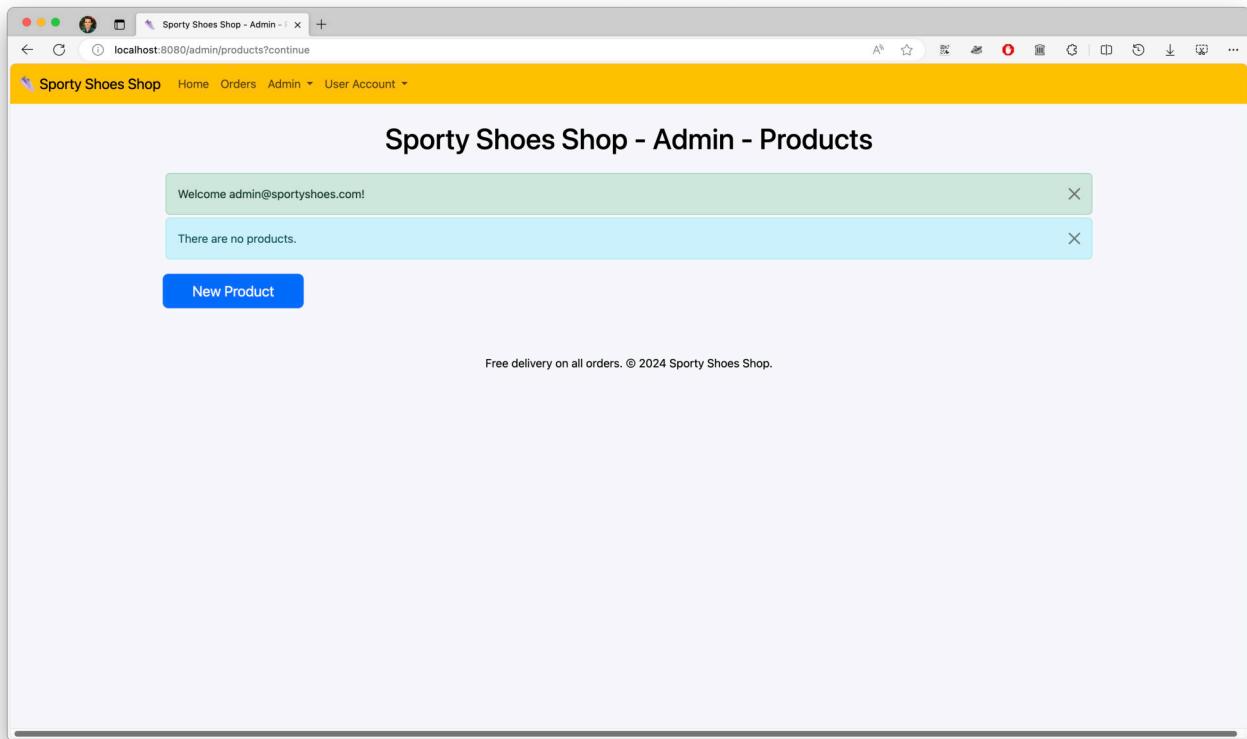
Once the admin user has logged in, they are taken to the admin products page.

## Admin Dashboard

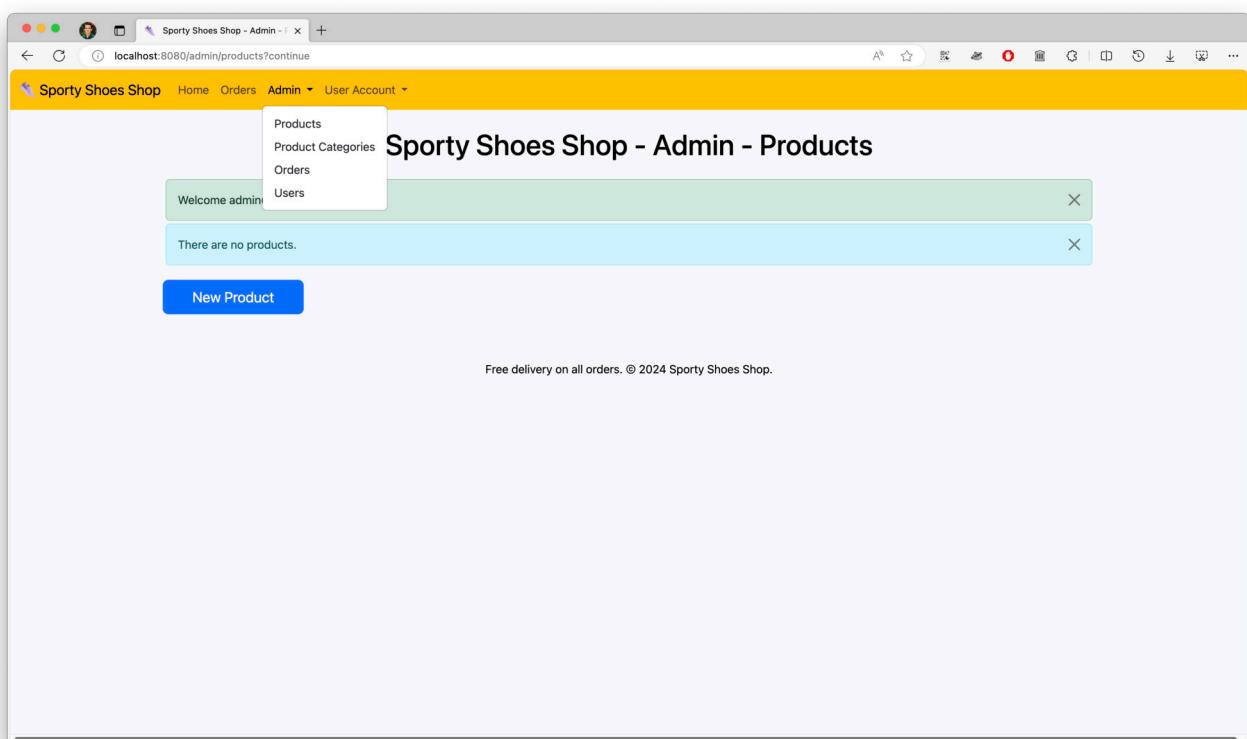
All admin pages at the `/admin/*` address have a yellow navigation bar and are only accessible to the admin user.

## Product Management

The admin products page is shown below. There are no products because the admin user has just been created.



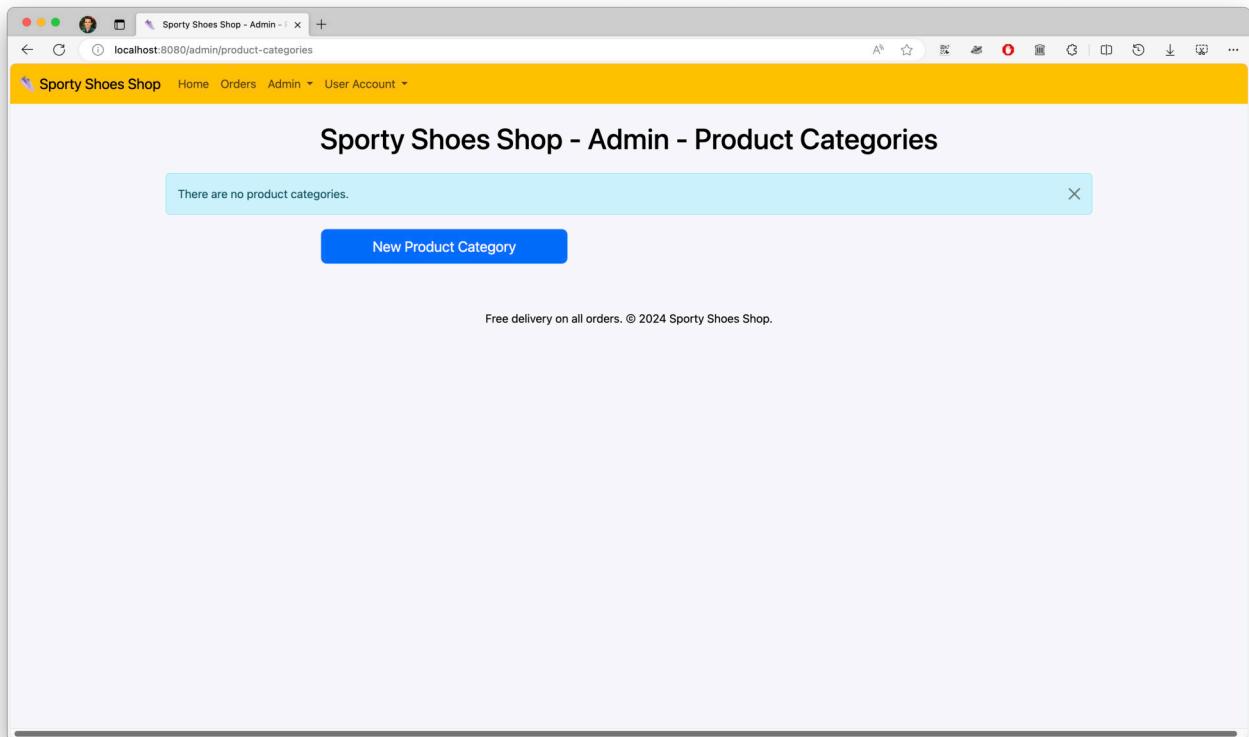
The admin user can access other admin pages using the dropdown menu in the navigation bar.



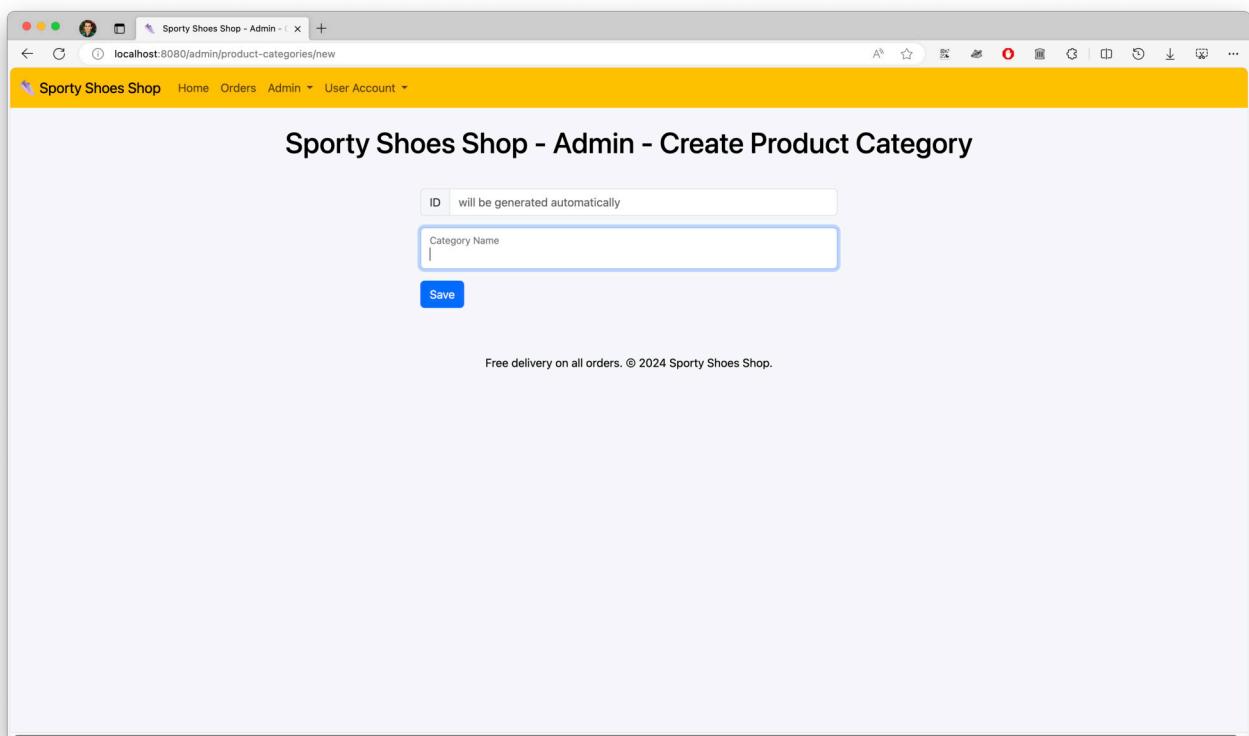
Before creating products for the site, the admin user will create categories for the products.

## Product Categories

The admin product categories page is shown below. It is empty because no categories have been created yet. The admin user can create categories by clicking on the "New Product Category" button.



The admin user can create a new category by entering the category name and clicking the **Save** button.



The admin user can then see the new category in the categories list, including how many products each category has. They can also search for categories using the search box, and the table will update to only show matching categories as they type.

Sporty Shoes Shop - Admin - Product Categories

New Product Category

Search for categories...

ID	Name	No. of Products	Edit
1	Boots	0	Edit
2	Sandals	0	Edit
3	Trainers	0	Edit
4	Insoles	0	Edit
5	Socks	0	Edit
6	Slippers	0	Edit

6 categories

Free delivery on all orders. © 2024 Sporty Shoes Shop.

Sporty Shoes Shop - Admin - Product Categories

New Product Category

Search for categories...  
so

ID	Name	No. of Products	Edit
4	Insoles	0	Edit
5	Socks	0	Edit

2 categories

Free delivery on all orders. © 2024 Sporty Shoes Shop.

The admin user can also edit a category by clicking the [Edit](#) button.

Sporty Shoes Shop - Admin - Edit Product Category

ID: 2

Category Name:  
Sandals

Save

Free delivery on all orders. © 2024 Sporty Shoes Shop.

## Products

On the admin products page, the admin user can create new products by clicking the `New Product` button. The user is prompted to add a name, description, category, price, and number in stock.

Sporty Shoes Shop - Admin - Create Product

ID: will be generated automatically

Name

Description

Product Category  
None

Price £

Stock  
0

Save

Free delivery on all orders. © 2024 Sporty Shoes Shop.

The admin user can see the new product in the products list, and filter them by category. They can also search for products using the search box, and the table will update to only show matching products as they type.

Sporty Shoes Shop - Admin - localhost:8080/admin/products

## Sporty Shoes Shop - Admin - Products

ID	Name	Category	Description	Price	Stock	Actions
1	Air Jordan 1	Sandals	The Air Jordan 1 is a high-quality basketball shoe that offers superior comfort and support. It features a leather upper for durability and a rubber outsole for traction.	£150.00	20	<button>Edit</button> <button>Delete</button>
2	Nike Air Force 1	Trainers	The Nike Air Force 1 is a classic low-top shoe that combines style and comfort. It features a durable leather upper and a soft foam midsole for lightweight cushioning.	£90.00	30	<button>Edit</button> <button>Delete</button>
3	Adidas Ultraboost	Trainers	The Adidas Ultraboost is a comfortable running shoe designed for long-distance runners. It features a Primeknit upper for a snug fit and Boost cushioning for energy return.	£180.00	25	<button>Edit</button> <button>Delete</button>
4	New Balance 990v5	Trainers	The New Balance 990v5 is a versatile athletic shoe that offers a perfect blend of support and comfort. It features a durable leather upper and a cushioned midsole for all-day comfort.	£175.00	15	<button>Edit</button> <button>Delete</button>
5	Converse Chuck Taylor	Trainers	The Converse Chuck Taylor is an iconic canvas shoe that never goes out of style. It features a durable canvas upper and a rubber outsole for traction.	£55.00	40	<button>Edit</button> <button>Delete</button>
6	Vans Old Skool	Trainers	The Vans Old Skool is a classic skate shoe that offers superior grip and support. It features a durable suede and canvas upper and a rubber outsole with the signature waffle tread for traction.	£60.00	35	<button>Edit</button> <button>Delete</button>
7	Under Armour HOVR	Boots	The Under Armour HOVR is an innovative running shoe that offers superior comfort and energy return. It features a mesh upper for breathability and HOVR foam for a zero gravity feel.	£130.00	20	<button>Edit</button> <button>Delete</button>
8	Reebok Club C 85	Boots	The Reebok Club C 85 is a retro tennis shoe that combines style and comfort. It features a soft leather upper and a cushioned midsole for all-day comfort.	£70.00	30	<button>Edit</button> <button>Delete</button>
9	Puma Suede Classic	Sandals	The Puma Suede Classic is a stylish low-top shoe that offers superior comfort and durability. It features a suede upper and a rubber outsole for traction.	£65.00	25	<button>Edit</button> <button>Delete</button>
10	Asics Gel-Kayano	Boots	The Asics Gel-Kayano is a supportive running shoe designed for long-distance runners. It features a mesh upper for breathability and Gel cushioning for shock absorption.	£160.00	20	<button>Edit</button> <button>Delete</button>

Sporty Shoes Shop - Admin - localhost:8080/admin/products

## Sporty Shoes Shop - Admin - Products

ID	Name	Category	Description	Price	Stock	Actions
1	Air Jordan 1	Sandals	The Air Jordan 1 is a high-quality basketball shoe that offers superior comfort and support. It features a leather upper for durability and a rubber outsole for traction.	£150.00	20	<button>Edit</button> <button>Delete</button>
9	Puma Suede Classic	Sandals	The Puma Suede Classic is a stylish low-top shoe that offers superior comfort and durability. It features a suede upper and a rubber outsole for traction.	£65.00	25	<button>Edit</button> <button>Delete</button>
11	Summer Sandals	Sandals	A pair of brown sandals, great to wear on the beach.	£7.50	50	<button>Edit</button> <button>Delete</button>

3 products

Free delivery on all orders. © 2024 Sporty Shoes Shop.

Sporty Shoes Shop - Admin - Products

ID	Name	Category	Description	Price	Stock	Actions
3	Adidas Ultraboost	Trainers	The Adidas Ultraboost is a comfortable running shoe designed for long-distance runners. It features a Primeknit upper for a snug fit and Boost cushioning for energy return.	£180.00	25	<button>Edit</button> <button>Delete</button>
7	Under Armour HOVR	Boots	The Under Armour HOVR is an innovative running shoe that offers superior comfort and energy return. It features a mesh upper for breathability and HOVR foam for a zero gravity feel.	£130.00	20	<button>Edit</button> <button>Delete</button>
10	Asics Gel-Kayano	Boots	The Asics Gel-Kayano is a supportive running shoe designed for long-distance runners. It features a mesh upper for breathability and Gel cushioning for shock absorption.	£160.00	20	<button>Edit</button> <button>Delete</button>

3 products

Free delivery on all orders. © 2024 Sporty Shoes Shop.

The admin user can delete the product by clicking the `Delete` button, and it will be removed immediately with confirmation to the user. The product is marked as 'deleted' but not deleted from the database, so that users can still see the product in their order history.

Product Reebok Club C 85 deleted successfully

Sporty Shoes Shop - Admin - Products

ID	Name	Category	Description	Price	Stock	Actions
1	Air Jordan 1	Sandals	The Air Jordan 1 is a high-quality basketball shoe that offers superior comfort and support. It features a leather upper for durability and a rubber outsole for traction.	£150.00	20	<button>Edit</button> <button>Delete</button>
2	Nike Air Force 1	Trainers	The Nike Air Force 1 is a classic low-top shoe that combines style and comfort. It features a durable leather upper and a soft foam midsole for lightweight cushioning.	£90.00	30	<button>Edit</button> <button>Delete</button>
3	Adidas Ultraboost	Trainers	The Adidas Ultraboost is a comfortable running shoe designed for long-distance runners. It features a Primeknit upper for a snug fit and Boost cushioning for energy return.	£180.00	25	<button>Edit</button> <button>Delete</button>
5	Converse Chuck Taylor	Trainers	The Converse Chuck Taylor is an iconic canvas shoe that never goes out of style. It features a durable canvas upper and a rubber outsole for traction.	£55.00	0	<button>Edit</button> <button>Delete</button>
7	Under Armour HOVR	Boots	The Under Armour HOVR is an innovative running shoe that offers superior comfort and energy return. It features a mesh upper for breathability and HOVR foam for a zero gravity feel.	£130.00	20	<button>Edit</button> <button>Delete</button>

5 products

Free delivery on all orders. © 2024 Sporty Shoes Shop.

The admin user can also edit the product by clicking the `Edit` button. When the product is edited, the old product is marked as 'deleted' and a new one is created in its place with the new details. This allows users to see the product in their order history with the correct details.

Sporty Shoes Shop - Admin -

localhost:8080/admin/products/3?continue

Sporty Shoes Shop Home Orders Admin User Account

## Sporty Shoes Shop - Admin - Edit Product

ID: 3

Name: Adidas Ultraboost

Description: The Adidas Ultraboost is a comfortable running shoe designed for long-distance runners. It features a Primeknit upper for a snug fit and Boost cushioning for energy return.

Product Category: Trainers

Price £: 180.0

Stock: 25

Save

Free delivery on all orders. © 2024 Sporty Shoes Shop.

This screenshot shows the 'Edit Product' page for a shoe named 'Adidas Ultraboost'. The product has ID 3, is categorized as 'Trainers', and costs £180.0. There are 25 units in stock. The page includes a 'Save' button and a footer note about free delivery.

Data validation exists to ensure that the stock and the price do not fall below 0. If the admin user tries to save the product with invalid data, an error message is shown.

Sporty Shoes Shop - Admin -

localhost:8080/admin/products/3?continue

Sporty Shoes Shop Home Orders Admin User Account

## Sporty Shoes Shop - Admin - Edit Product

ID: 3

Name: Adidas Ultraboost

Description: The Adidas Ultraboost is a comfortable running shoe designed for long-distance runners. It features a Primeknit upper for a snug fit and Boost cushioning for energy return.

Product Category: Trainers

Price £: 180.0

Stock: -5

Save

Value must be greater than or equal to 0.

Free delivery on all orders. © 2024 Sporty Shoes Shop.

This screenshot shows the same 'Edit Product' page as above, but with an invalid value (-5) entered for 'Stock'. A red error message box appears next to the input field, stating 'Value must be greater than or equal to 0.' The other fields remain the same as in the first screenshot.

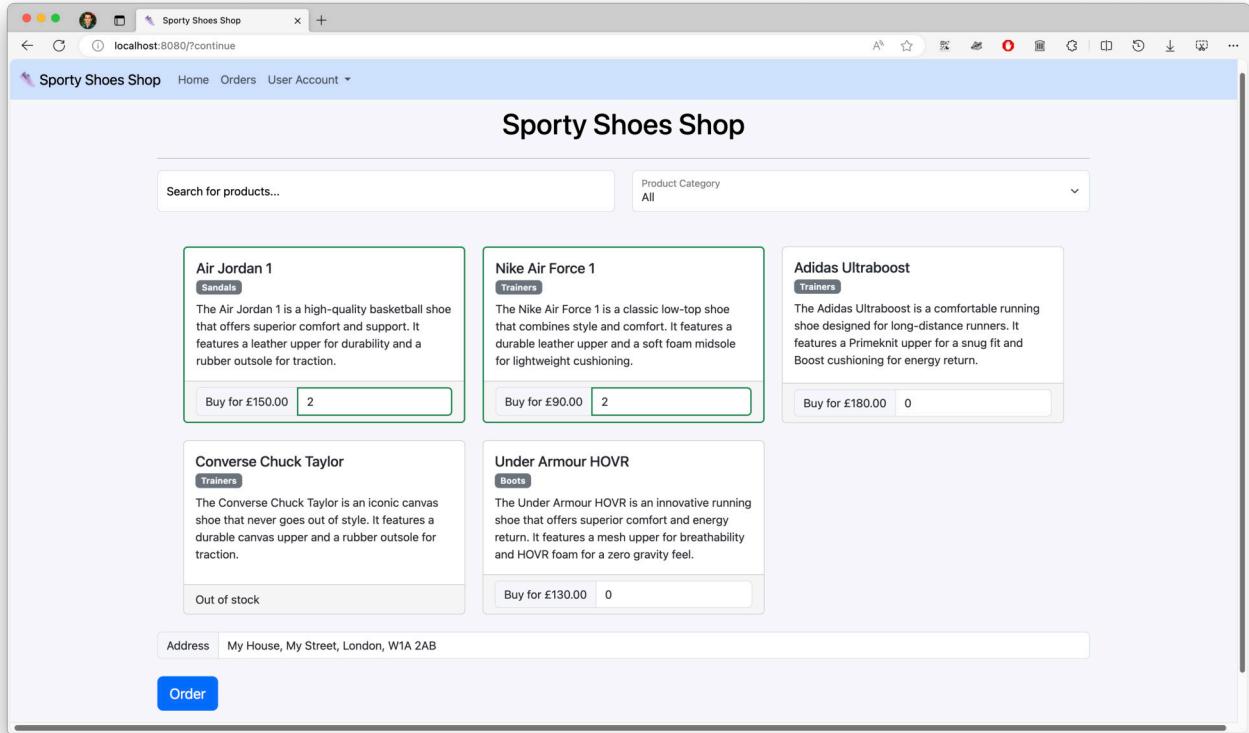
Further elements of the admin dashboard are shown below.

## User Shopping

We will now register a standard (non-admin) user and login. All users created after the first user are standard users with no access to the admin pages.

When a standard user logs in, they are taken to the products page. The user can see all the products that the admin user has created. The user can choose products by entering a quantity, and the product will be highlighted green. The user cannot order products that are out of stock, and cannot order more products than are in stock.

Once the user has selected their products, they enter a delivery address and click the **Order** button to create an order.



The user can filter products by category, and search for products using the search box. The table will update to only show matching products as they type. Products that they have added a quantity to but are not shown in the filter are greyed out, but still visible as they will be ordered.

The screenshot shows a web browser window for 'Sporty Shoes Shop' at localhost:8080?continue. A dropdown menu is open over the product list, showing categories: All, Boots, Sandals, Trainers (which is selected), Insoles, Socks, and Slippers. The main content area displays three products: Air Jordan 1 (Sandals), Nike Air Force 1 (Trainers), and Adidas Ultraboost (Trainers). Each product has a 'Buy for £150.00' button with quantity input fields (1, 2, 0 respectively). Below the products is a search bar with 'Search for products... chuck' and an 'Address' field containing 'My House, My Street, London, W1A 2BC'. A blue 'Order' button is at the bottom.

The screenshot shows a web browser window for 'Sporty Shoes Shop' at localhost:8080?continue. A search bar at the top contains 'chuck'. To its right is a 'Product Category' dropdown set to 'All'. The main content area displays three products: Air Jordan 1 (Sandals), Nike Air Force 1 (Trainers), and Converse Chuck Taylor (Trainers). Each product has a 'Buy for £150.00' button with quantity input fields (1, 2, 0 respectively). Below the products is a search bar with 'Search for products... chuck' and an 'Address' field containing 'Full delivery address'. A blue 'Order' button is at the bottom. A small note at the bottom center says 'Free delivery on all orders. © 2024 Sporty Shoes Shop.'

The user can view their orders by clicking on the **Orders** option in the navigation bar. Each order shows the date, time, address, products purchased, and the total cost.

The screenshot shows a web browser window titled "Sporty Shoes Shop - Orders" at the URL "localhost:8080/orders". The page has a header with the shop logo, "Sporty Shoes Shop", and navigation links for "Home", "Orders", and "User Account". Below the header is a search bar with dropdown menus for "Product Category" (set to "All"), "Start Date & Time" (set to "03/04/2024, 09:24"), and "End Date & Time" (set to "08/04/2024, 19:28"). A main table titled "Products" displays three orders:

ID	Datetime	Name	Price	Quantity	Total cost
6	08 Apr 2024 19:27	Converse Chuck Taylor [Trainers]	£55.00	2	£110.00
		Address: Chris's Friend, Wales, WA23 5PS			£110.00
2	07 Apr 2024 14:25	Adidas Ultraboost [Trainers]	£180.00	1	£180.00
		Under Armour HOVR [Boots]	£130.00	1	£130.00
		Address: My House, My Street, London, W1A 2BC			£310.00
1	03 Apr 2024 09:24	Air Jordan 1 [Sandals]	£150.00	1	£150.00
		Nike Air Force 1 [Trainers]	£90.00	2	£180.00
		Address: My House, My Street, London, W1A 2BC			£330.00

Below the table, it says "3 orders". At the bottom, there is a note: "Free delivery on all orders. © 2024 Sporty Shoes Shop."

The user can filter their orders by product category, or by order date & time. The table of orders is updated immediately as soon as the user selects a filter. The user cannot select a date & time before the first order, and after the last order.

The screenshot shows a web browser window titled "Sporty Shoes Shop - Orders" at the URL "localhost:8080/orders?continue". The page has a header with the shop logo, "Sporty Shoes Shop", and navigation links for "Home", "Orders", and "User Account". Below the header is a search bar with dropdown menus for "Product Category" (set to "Boots"), "Start Date & Time" (set to "03/04/2024, 09:24"), and "End Date & Time" (set to "08/04/2024, 19:28"). A main table titled "Products" displays one order:

ID	Datetime	Name	Price	Quantity	Total cost
2	07 Apr 2024 14:25	Adidas Ultraboost [Trainers]	£180.00	1	£180.00
		Under Armour HOVR [Boots]	£130.00	1	£130.00
		Address: My House, My Street, London, W1A 2BC			£310.00

Below the table, it says "1 order". At the bottom, there is a note: "Free delivery on all orders. © 2024 Sporty Shoes Shop."

The screenshot shows the 'Sporty Shoes Shop - Orders' page. At the top, there is a dropdown for 'Product Category' set to 'All'. Below it is a date range selector with 'Start Date & Time' set to '05/04/2024, 09:24' and 'End Date & Time' set to '08/04/2024, 19:28'. A table lists two orders:

ID	Datetime	Name	Address	Price	Quantity	Total cost
6	08 Apr 2024 19:27	Converse	Address: Chris's Friend, Wales, WA23 5PS	£55.00	2	£110.00
2	07 Apr 2024 14:25	Adidas Ultra	Under Arr	£180.00	1	£180.00
			Address: My House, My Street, London, W1A 2BC	£130.00	1	£130.00
						£310.00

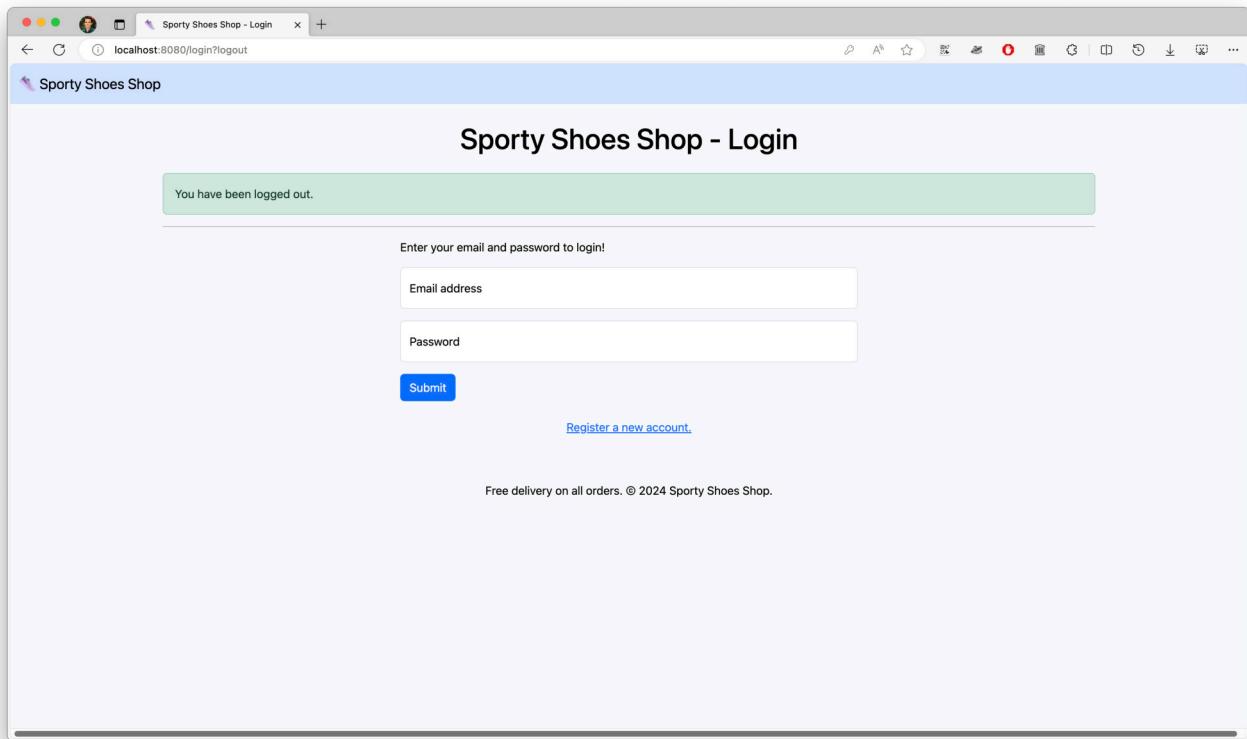
Below the table, it says '2 orders'. At the bottom, there is a note: 'Free delivery on all orders. © 2024 Sporty Shoes Shop.' A 'Screenshot' button is visible at the bottom right.

## User Account Management

All users (admin and standard) can access the change password page via the 'User Account' dropdown menu. This page prompts for the user's existing password and new password, which are checked before the password is updated.

The screenshot shows the 'Shoes Shop - Change Password' page. On the left, there is a sidebar with 'admin@sportyshoes.com', 'Change Password', and 'Logout'. The main area has a heading 'Shoes Shop - Change Password' and a note: 'Enter your existing password and a new password.' It contains four input fields: 'Email address' (with value 'admin@sportyshoes.com'), 'Existing Password', 'New Password', and 'New Password Again'. A 'Submit' button is at the bottom. At the bottom of the page, there is a note: 'Free delivery on all orders. © 2024 Sporty Shoes Shop.'

The user can also log out from the dropdown menu.



## Admin Dashboard (continued)

Further elements of the admin dashboard are shown above.

### Orders (purchase reports)

The admin user can view all the purchase reports by clicking on the `Admin → Orders` option in the navigation bar. Each order shows the date, time, user, address, products purchased, and the total cost.

Product Category	All	User	All	Start Date & Time	03/04/2024, 09:24	End Date & Time	08/04/2024, 19:28
<b>Products</b>							
<b>ID    Datetime and User</b>							
ID	Datetime and User	Name	Price	Quantity	Total cost		
6	08 Apr 2024 19:27 by chris@gmail.com	Converse Chuck Taylor [Trainers]	£55.00	2	£110.00		
	Address: Chris's Friend, Wales, WA23 5PS				£110.00		
5	08 Apr 2024 12:26 by dwight@gmail.com	Nike Air Force 1 [Trainers]	£90.00	4	£360.00		
	Address: Dwight's Second House, Glasgow, GW12 3UX				£360.00		
4	07 Apr 2024 19:25 by zara@gmail.com	Nike Air Force 1 [Trainers]	£90.00	2	£180.00		
	Address: Zara's House	Adidas Ultraboost [Trainers]	£180.00	1	£180.00		
3	07 Apr 2024 16:25 by dwight@gmail.com	Air Jordan 1 [Sandals]	£150.00	1	£150.00		
	Address: Dwight's House	Adidas Ultraboost [Trainers]	£180.00	1	£180.00		
2	07 Apr 2024 14:25 by chris@gmail.com	Adidas Ultraboost [Trainers]	£180.00	1	£180.00		
	Address: My House, My Street, London, W1A 2BC	Under Armour HOVR [Boots]	£130.00	1	£130.00		
1	03 Apr 2024 09:24 by chris@gmail.com	Air Jordan 1 [Sandals]	£150.00	1	£150.00		
	Nike Air Force 1 [Trainers]	£90.00	2	£180.00			

The admin user can filter the orders by category, user, or by date & time. The table of orders is updated immediately as soon as the user selects a filter. The user cannot select a date & time before the first order, and after the last order.

Product Category	Sandals	User	All	Start Date & Time	03/04/2024, 09:24	End Date & Time	08/04/2024, 19:28
<b>Products</b>							
<b>ID    Datetime and User</b>							
ID	Datetime and User	Name	Price	Quantity	Total cost		
3	07 Apr 2024 16:25 by dwight@gmail.com	Air Jordan 1 [Sandals]	£150.00	1	£150.00		
	Address: Dwight's House	Adidas Ultraboost [Trainers]	£180.00	1	£180.00		
1	03 Apr 2024 09:24 by chris@gmail.com	Air Jordan 1 [Sandals]	£150.00	1	£150.00		
	Address: My House, My Street, London, W1A 2BC	Nike Air Force 1 [Trainers]	£90.00	2	£180.00		

2 orders

Free delivery on all orders. © 2024 Sporty Shoes Shop.

Sporty Shoes Shop - Admin - Orders

localhost:8080/admin/orders

Product Category: Sandals

User: All

Start Date & Time: 03/04/2024, 09:24

End Date & Time: 08/04/2024, 19:28

ID	Datetime and User	Name	Price	Quantity	Total cost
3	07 Apr 2024 16:25 by dwight@gmail.com	Air Jordan 1 Sandals	£150.00	1	£150.00
		Adidas Ultraboost Trainers	£180.00	1	£180.00
					<b>£330.00</b>

Address: Dwight's House

1 order

Free delivery on all orders. © 2024 Sporty Shoes Shop.

Sporty Shoes Shop - Admin - Orders

localhost:8080/admin/orders

Product Category: Sandals

User: All

Start Date & Time: 03/04/2024, 09:24

End Date & Time: 06/04/2024, 19:28

ID	Datetime and User	Name	Price
1	03 Apr 2024 09:24 by chris@gmail.com	Air Jordan 1 Sandals	£150.00
		Nike Air Force 1 Trainers	£90.00

Address: My House, My Street, London, W1A 2BC

1 order

Free delivery on all orders. © 2024 Sporty Shoes Shop.

April 2024

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47

## User Management

The user management page is shown below. As well as the admin user, there are also three other users. All users created after the first user are standard users with no access to the admin pages.

The screenshot shows a web browser window titled "Sporty Shoes Shop - Admin". The URL in the address bar is "localhost:8080/admin/users". The page has a yellow header bar with the "Sporty Shoes Shop" logo and navigation links for Home, Orders, Admin, and User Account. Below the header is a search bar containing the placeholder "Search for users...". A table lists four users with columns for Email, Is Admin?, and No. of Orders. The data is as follows:

Email	Is Admin?	No. of Orders
admin@sportyshoes.com	<input checked="" type="checkbox"/>	0
chris@gmail.com	<input type="checkbox"/>	<a href="#">3</a>
dwight@gmail.com	<input type="checkbox"/>	<a href="#">2</a>
zara@gmail.com	<input type="checkbox"/>	<a href="#">1</a>

Below the table, a message says "4 users". At the bottom of the page is a footer with the text "Free delivery on all orders. © 2024 Sporty Shoes Shop."

The admin user can search for users using the search box, and the table will update to only show matching users as they type.

This screenshot shows the same "Sporty Shoes Shop - Admin" page after a search has been performed. The search bar now contains the partial text "dwi". The table below shows only one user who matches this search criteria:

Email	Is Admin?	No. of Orders
<a href="#">dwight@gmail.com</a>	<input type="checkbox"/>	<a href="#">2</a>

Below the table, a message says "1 user". The footer "Free delivery on all orders. © 2024 Sporty Shoes Shop." is still present.

The admin user can see the users' email addresses and the number of orders they have placed. They can click on the blue number of orders to see the user's order history on the admin Orders page. This is done using query parameters in the URL.

Sporty Shoes Shop - Admin - localhost:8080/admin/orders?user=dwight@gmail.com

Sporty Shoes Shop Home Orders Admin User Account

## Sporty Shoes Shop - Admin - Orders

Product Category	User	Start Date & Time	End Date & Time
All	dwight@gmail.com	03/04/2024, 09:24	08/04/2024, 19:28

Products					
ID	Datetime and User	Name	Price	Quantity	Total cost
5	08 Apr 2024 12:26 by dwight@gmail.com	Nike Air Force 1 <small>Trainers</small>	£90.00	4	£360.00
	Address: Dwight's Second House, Glasgow, GW12 3UX				<b>£360.00</b>
3	07 Apr 2024 16:25 by dwight@gmail.com	Air Jordan 1 <small>Sandals</small>	£150.00	1	£150.00
		Adidas Ultraboost <small>Trainers</small>	£180.00	1	£180.00
		Address: Dwight's House			<b>£330.00</b>

2 orders

Free delivery on all orders. © 2024 Sporty Shoes Shop.