

Gestionale Datapeak

Start2Impact Final Project



start2impact
UNIVERSITY

Repository:



Website:



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Introduction

The Datapeak Management System for Bullpadel Shop represents the final project of my journey in the Start2Impact Fullstack Master program. At the same time, it is a first prototype for an application developed for Datapeak (an IT consulting company) for a client: Bullpadel Shop (a padel product outlet).

The application is a point-of-sale management system that allows users to manage the store and the cash register in a simple and fast way.

Technologies - Backend

- PHP



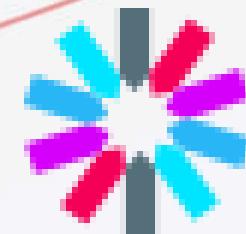
- MySQL



- Docker



- JWT

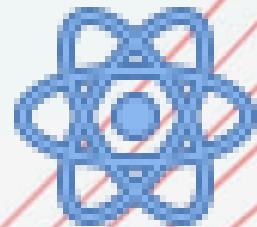


- Composer



Technologies - Frontend

- React



- Vite



- Redux



- Docker



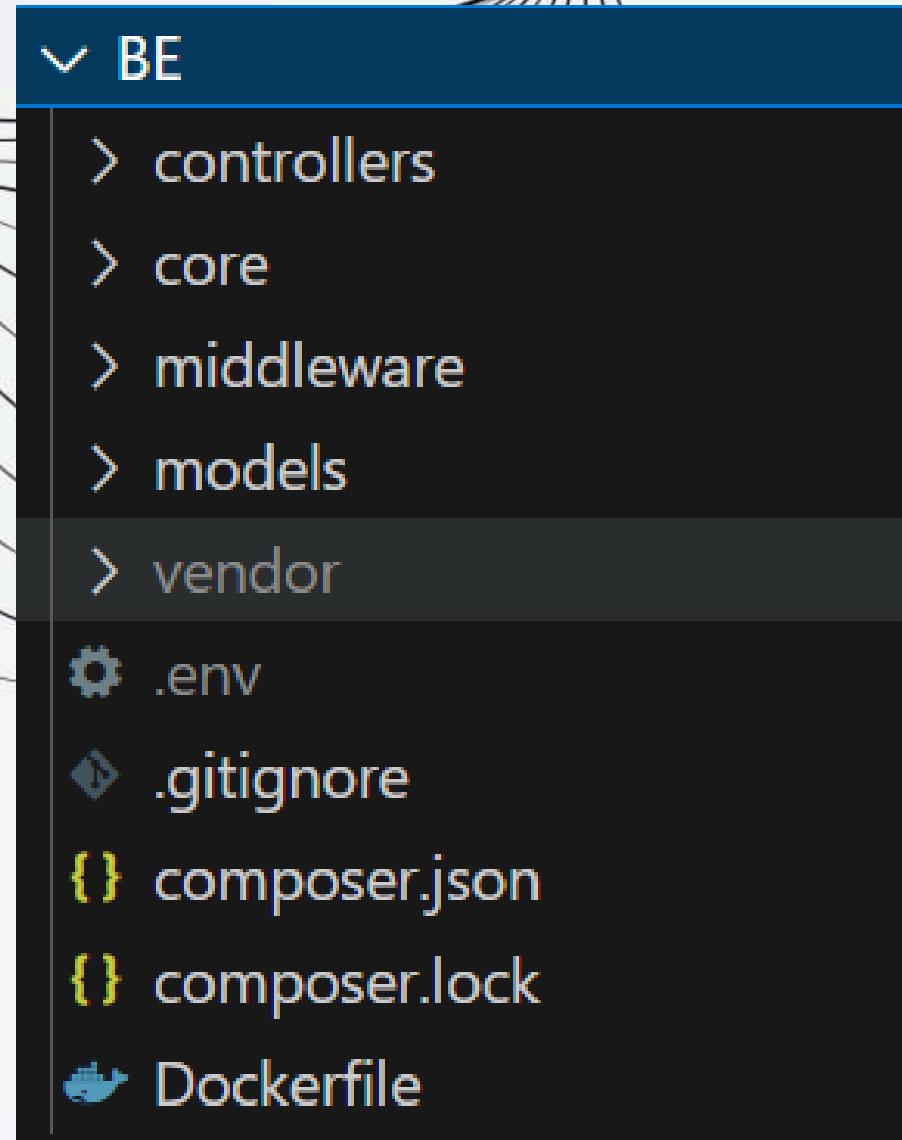
- Tailwind



- Axios

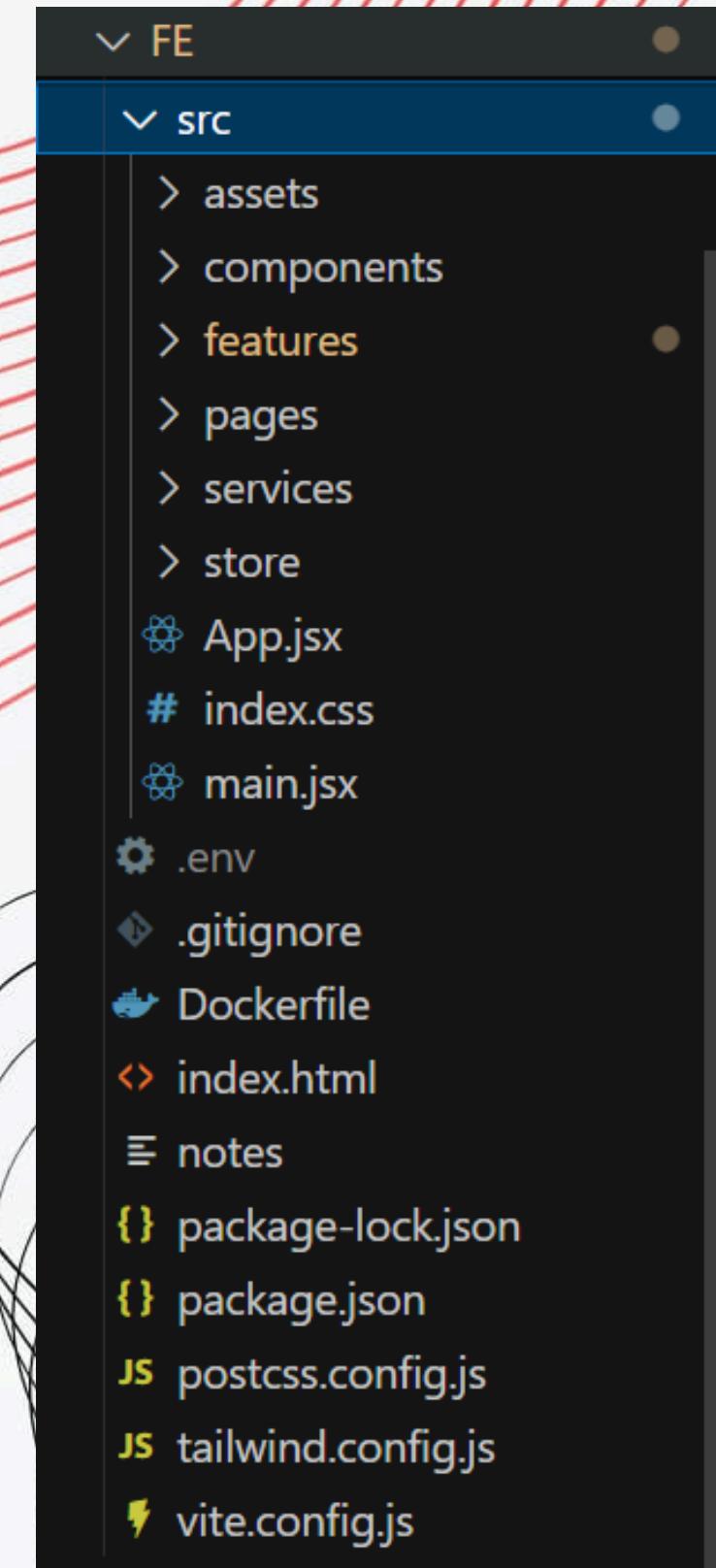
- Others

Structure



<= RESTful API architecture

React-redux =>



Features & Usage - Auth

The registration process is very simple as a single person (the owner) manages user registrations and permissions. Upon the first login, a pre-created user is provided with the username 'root' and password '12345'. Afterward, the owner will register the first admin account, at which point the test root user will be removed from the system.

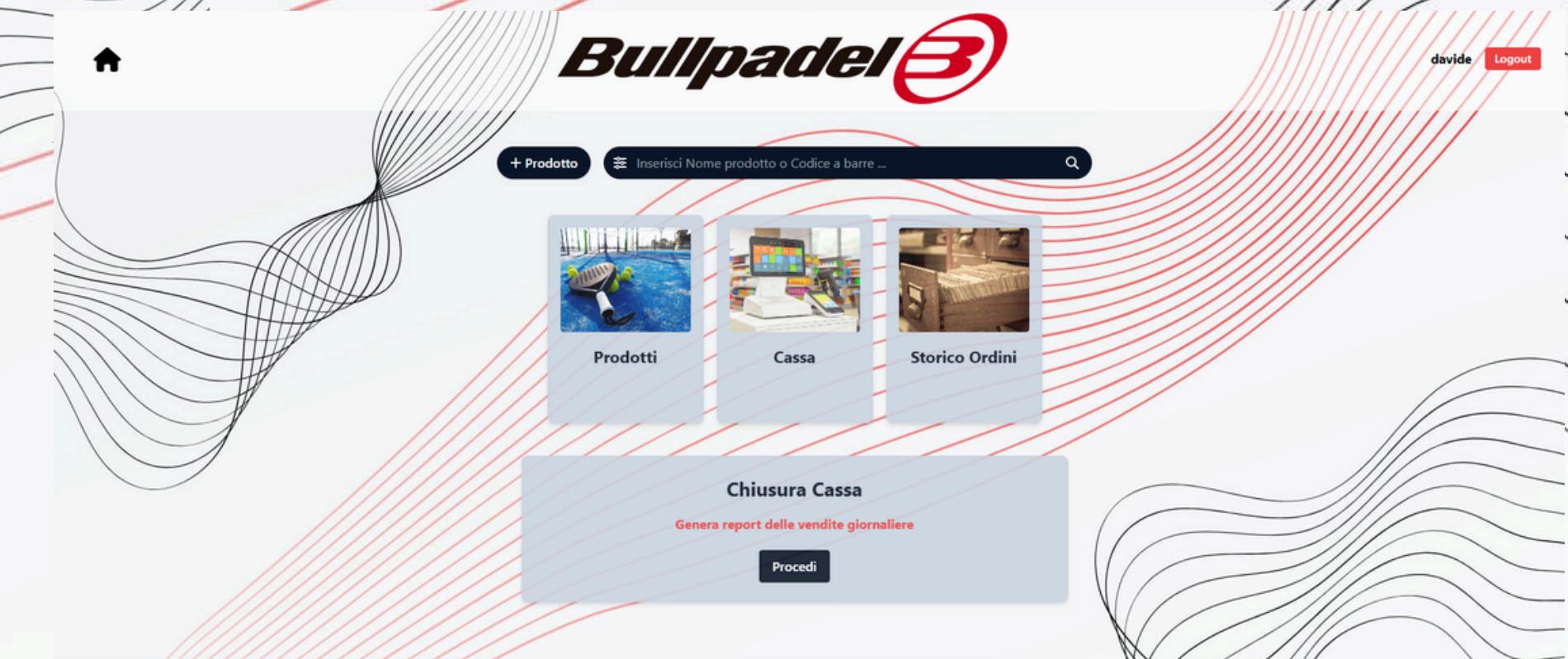
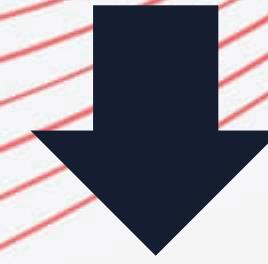
Regarding permissions, there are two types of roles: admin and user. The admin role grants access to an additional section, the admin section, where user accounts can be managed.

The login is managed with JWT token.

Features & Usage - Auth



Role === User



Role === Admin

Features & Usage - Auth

Admin section

Operatori			
Id	Username	Ruolo	Azione
7	fabio	admin	<button>Cancella</button>
8	prova	user	<button>Cancella</button>

Aggiungi Operatore

Username

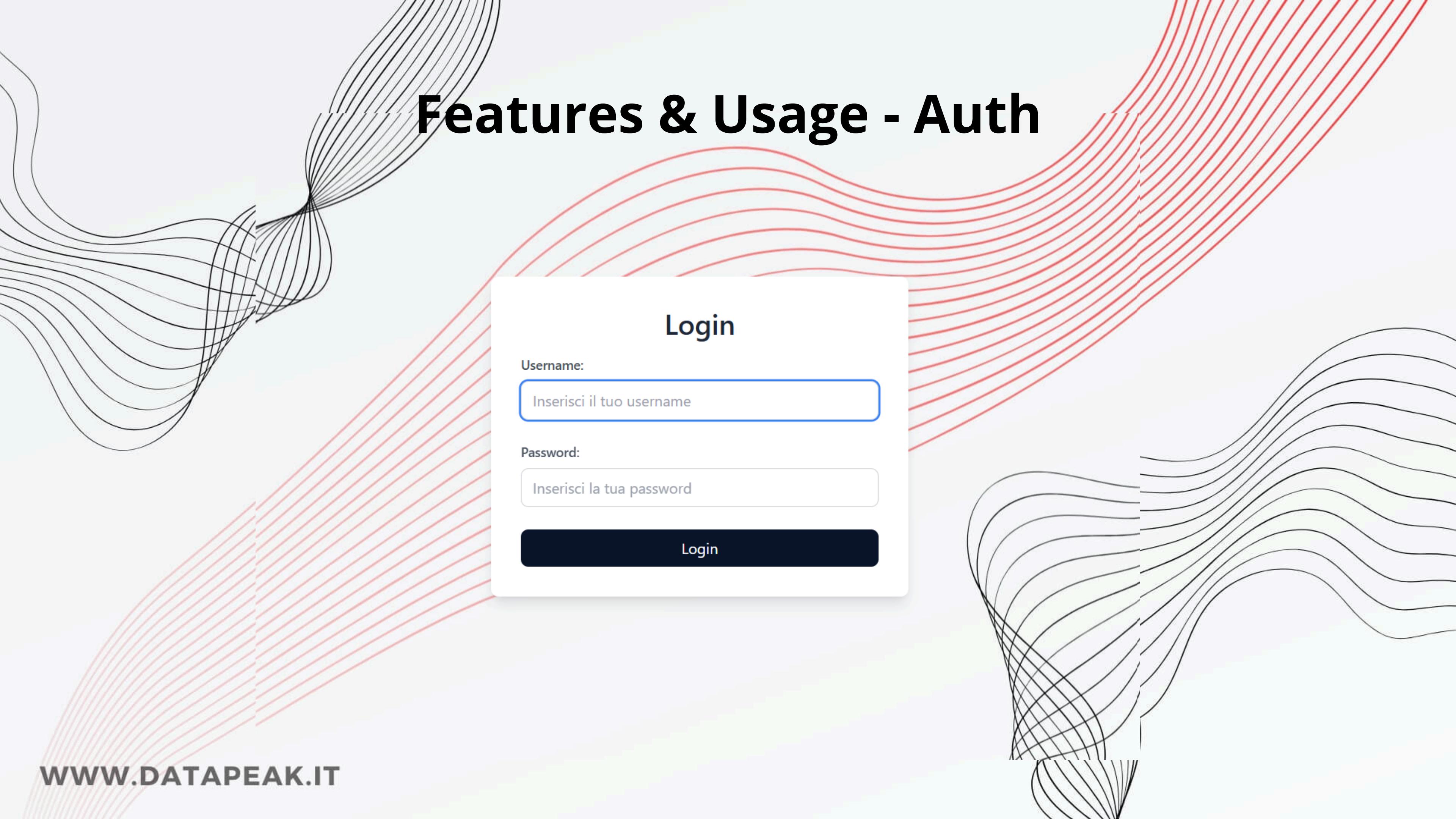
Password

Conferma Password

Admin User

Aggiungi

Features & Usage - Auth



The background features abstract, flowing lines in black, red, and white, creating a dynamic and modern aesthetic.

Login

Username:

Password:

Login

Features & Usage - Prodotti

In the Prodotti section, there is a list of all the products in stock, displayed in groups of 30, with navigation through next and previous arrows.

It is also possible to add a new product or modify the original price, discount, and stock quantity of existing products.

Another feature of the Products section, also available on the homepage, is the search bar.

Products can be filtered in three ways:

- By category, selected from a dropdown menu.
- By name.
- By barcode: In this case, the search will return all products with the same name as the one associated with the searched barcode.

Features & Usage - Prodotti

Prodotti Disponibili

+ Prodotto ACCESSORI Inserisci Nome prodotto o Codice a barre ...

< **Prodotti visualizzati: 0** >

<u>Id</u>	<u>Nome Prodotto</u>	<u>Originale(€)</u>	<u>Outlet (€)</u>	<u>Sconto (%)</u>	<u>Prezzo Scontato</u>	<u>Codice a barre</u>	<u>Quantità</u>	<u>Colore</u>	<u>Categoria</u>	<u>Taglia</u>	<u>Modifica</u>
2	ZAP.BULLPADEL FLOW HYB FLY 22I BL/K	€93.00	€65	6%	€61.19	8445402156344	8	BLANCO/KAKI	SCARPE - DONNA	38,5	<input type="button" value="Modifica"/>
3	ZAP.BULLPADEL FLOW HYB FLY 23I N/F	€124.95	€87	10%	€78.72	8445402446933	0	NEGRO/FUCSIA	SCARPE - DONNA	36	<input type="button" value="Modifica"/>
7	ZAP.BULLPADEL FLOW HYB FLY 23I N/F	€124.95	€87	0%	€87.46	8445402446971	0	NEGRO/FUCSIA	SCARPE - DONNA	38,5	<input type="button" value="Modifica"/>
8	ZAP.BULLPADEL FLOW HYB FLY 23I N/F	€124.95	€87	0%	€87.46	8445402446988	2	NEGRO/FUCSIA	SCARPE - DONNA	39	<input type="button" value="Modifica"/>
9	ZAP.BULLPADEL FLOW HYB FLY 23I N/F	€124.95	€87	0%	€87.46	8445402446995	0	NEGRO/FUCSIA	SCARPE - DONNA	39,5	<input type="button" value="Modifica"/>
10	ZAP.BULLPADEL FLOW HYB FLY 23I N/F	€124.95	€87	0%	€87.46	8445402447008	1	NEGRO/FUCSIA	SCARPE - DONNA	40	<input type="button" value="Modifica"/>
12	ZAP.BULLPADEL FLOW HYB FLY 23I B/N	€124.95	€87	0%	€87.46	8445402446537	2	BLANCO/NEGRO	SCARPE - DONNA	36	<input type="button" value="Modifica"/>
13	ZAP.BULLPADEL FLOW HYB FLY 23I B/N	€124.95	€87	0%	€87.46	8445402446544	2	BLANCO/NEGRO	SCARPE - DONNA	37	<input type="button" value="Modifica"/>
15	ZAP.BULLPADEL FLOW HYB FLY 23I B/N	€124.95	€87	0%	€87.46	8445402446568	2	BLANCO/NEGRO	SCARPE - DONNA	38	<input type="button" value="Modifica"/>
16	ZAP.BULLPADEL FLOW HYB FLY 23I B/N	€124.95	€87	0%	€87.46	8445402446575	2	BLANCO/NEGRO	SCARPE - DONNA	38,5	<input type="button" value="Modifica"/>
17	ZAP.BULLPADEL FLOW HYB FLY 23I B/N	€124.95	€87	0%	€87.46	8445402446582	2	BLANCO/NEGRO	SCARPE - DONNA	39	<input type="button" value="Modifica"/>
18	ZAP.BULLPADEL FLOW HYB FLY 23I B/N	€124.95	€87	0%	€87.46	8445402446599	2	BLANCO/NEGRO	SCARPE - DONNA	39,5	<input type="button" value="Modifica"/>

Features & Usage - Cassa

In the Cassa section, by entering the barcode, the product is added to the cart. The product details are displayed, and there is also a section where an additional discount can be applied, or the product can be made free using a flag.

Additionally, with the Remove button, a single unit of the added product can be removed, while the Remove All button removes the entire quantity of the product from the cart.

Finally, there is a button to reset the cart and a button to complete the order.

Features & Usage - Cassa

←

Cassa

Inserisci il codice a barre

Aggiungi al Carrello

articolo id	Nome	Prezzo Unitario (€)	Prezzo Outlet (€)	Sconto (%)	Prezzo scontato	Aggiungi Sconto/Gratis	Prezzo Finale	Quantità	Totale (€)	Iva Totale (€)	Azione
4	ZAP.BULLPADEL FLOW HYB FLY 22I BL/K	€93.00	€65	6%	€61.19	<input checked="" type="checkbox"/> Gratis Aggiungi	€0.00	1	€0.00	€0.00	Rimuovi Tutto
5	ZAP.BULLPADEL BEKER 23V REAL	€74.95	€52	0%	€52.47	<input type="checkbox"/> Gratis Aggiungi	€47.22	2	€94.45	€20.78	Rimuovi Rimuovi Tutto
7	POLO BULLPADEL ABUCE 1	€51.95	€36	0%	€36.37	<input type="checkbox"/> Gratis Aggiungi	€36.37	3	€109.11	€24.00	Rimuovi Rimuovi Tutto

[Reset carrello](#)

IVA Totale: € 44.78
Totale Ordine (IVA inclusa): € 248.34

[Completa Ordine](#)

Features & Usage - Payment

Regarding payment, when the user clicks the "Complete Order" button, a modal will appear allowing them to select the payment method and optionally enter the customer's email. Upon confirmation, the order will be created and can be viewed in the Orders section.

Scegli il Metodo di Pagamento

Metodo di Pagamento

Contanti Carta di Credito

Email del Cliente (Opzionale)

emaildiprova@gmail.com

Annulla

Conferma

Features & Usage - Storico Ordini

In the Storico Ordini section, all orders are displayed.

Users can filter orders by date, delete an order, and view order details. By clicking the View Order button, a modal will open showing the details of the specific order.

Features & Usage - Storico Ordini

←

Storico Ordini

Filtro per Data

Data Iniziale: Data Finale:

ID Ordine	Data	Totale (€)	Metodo di Pagamento	Email	Azioni
2	2025-01-21 19:18:10	€393.41	contanti	prova2@gmail.com	<input type="button" value="Visualizza Ordine"/> <input type="button" value="Elimina"/>
1	2025-01-21 19:17:20	€61.19	cdc	prova@gmail.com	<input type="button" value="Visualizza Ordine"/> <input type="button" value="Elimina"/>

Features & Usage - Storico Ordini

BULLPADEL SHOP

Indirizzo del Negozio

Telefono: 0123 456789

Ricevuta di Pagamento

Data: 21-01-2025

Numero Ordine: 2

Prodotto	Quantità	Prezzo	Totale
ZAP.BULLPADEL FLOW HYB FLY 22I BL/K	5	€61.19	€305.95
ZAP.BULLPADEL FLOW HYB FLY 23I B/N	1	€87.46	€87.46

Totale IVA: € 86.55

Totale: € 393.41

Metodo di Pagamento: contanti
Grazie per aver acquistato da noi!

Chiudi

Features & Usage - Chiusura cassa

The Chiusura cassa section has a button that, when clicked, opens a modal displaying the total amount collected during the day. From there, the cash register can be closed, and the total value will be recorded in the database.



Features & Usage - Chiusura cassa

Chiusura Cassa

Il totale incassato oggi è: **€454.60**

Annulla

Chiudi cassa

API Endpoints - Auth

GET /auth/authenticate: Token authentication

GET /auth/getAll: Get all users registered

POST /auth/login: Login

POST /auth/createUser: Create a new user

DEL /auth/deleteUser: Delete a user

API Endpoints - Prodotti

GET /prodotti/read: get products

GET /prodotti/categories: get the categories of products

GET /prodotti/filter: filter products by barcode/category/name

POST /prodotti/create: add a new product

PUT /prodotti/update: update price/discount/quantity

DEL /prodotti/delete: delete a product

API Endpoints - Carrello

POST/carrello/scan: add the product scanned in the cart

POST/carrello/completaOrdine: add a new order

DEL /carrello/removeOne: remove 1 unit of product from cart

DEL /carrello/removeAll: remove the product from the cart

DEL /carrello/resetCarrello: reset the cart

PUT/carrello/aggiungiSconto: add more discount to a product in the cart

API Endpoints - Ordini

GET/ordini/getOrdini: get all the orders

GET/ordini/getOrderDetails: get the details of the order, products etc...

GET/ordini/filterByDate: filter orders by date

DEL /ordini/delete: delete an order

API Endpoints - Chiusura cassa

GET/ordini/totaleGiornaliero: get the total sold of the day

POST /totale/chiusuraCassa: add the total of the day in the db

Contacts

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- **Github:** <https://github.com/FabioTedesco>

Thank You !



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