

PA: Product and Presentation

We are developing an online bookshop due to the growing demand for convenient book purchasing. Our main goal is to provide a user-friendly and responsive website with a diverse book collection, including different styled books from cultures all around the world, to promote reading for all ages.

A9: Product

We have developed an online bookshop where users can create an account and buy the books available in the store, as well as add them to their wishlist, for later. Administrators have the capability to manage anything in the website, from user accounts to a product's details.

1. Installation

Link to the repository: <https://git.fe.up.pt/lbaw/lbaw2324/lbaw2315> Docker command to start the image:

```
docker run -it -p 8000:80 --name=lbaw2315 -e DB_DATABASE="lbaw2315" -e DB_SCHEMA="lbaw2315" -e DB_USERNAME="lbaw2315" -e DB_PASSWORD="nWHqyfsy" git.fe.up.pt:5050/lbaw/lbaw2324/lbaw2315
```

2. Usage

URL to the product: <http://lbaw2315.lbaw.fe.up.pt>

2.1. Administration Credentials

Email	Password
YTwwRXNS@outlook.com	password

2.2. User Credentials

Email	Password
teste@teste.com	password

2.3. MailTrap Credentials

Email	Password
lbaw2315@gmail.com	lbaw2315

3. Application Help

We have implement a few ways to help provide users more context and help during their visit to the site. This includes:

- Icon legends;
- Placeholders in forms;
- Frequently asked questions page;
- Contextual message erros.

4. Input Validation

We validate input prevent malicious user attacks. The following are examples of where input validation was implemented:

- During checkout, a user cannot change the price of the purchase by manipulating the HTML
- When registering an account, the password provided needs to be at least 8 characters long, to prevent brute-force attacks from stealing user information

5. Check Accessibility and Usability

The following are the accessibility and usability checklists of our website, according to SAPO:

Accessibility: [Accessibility Checklist PDF](#)

Usability: [Usability Checklist PDF](#)

6. HTML & CSS Validation

HTML Validation:

- [Single Product Page](#)
- [Wallet Page](#)
- [Wishlist Page](#)

CSS Validation: [CSS Validation PDF](#)

7. Revisions to the Project

We made some revisions to the project, namely the database. These are the following changes made to the database:

- Added a **remember token** to the user table, for the remember me feature
- Created a **password_reset_token table**, for the recover password feature

8. Implementation Details

8.1. Libraries Used

To aid the development of our website, we used a couple external libraries, such as Carbon and Pusher.

- **Carbon**: We used **Carbon** to help format database information in a user-friendly way, such as printing the TIMESTAMPS. Reference to the use: [Line 161](#)
- **Pusher**: We used **Pusher** to improve the notification system by showing a popup to the user when he receives a notification. Reference to the use: [Line 4](#)

8.2 User Stories

Identifier	Name	Module	Priority	Team Members	State
US101	See Home	M05	High	João Lourenço	100%
US102	Exact Match Search	M02	High	Inês Almeida	100%
US103	Full Text Search	M02	High	João Cardoso	100%
US104	View Products List	M02	High	João Lourenço	100%
US105	View Product Details	M02	High	João Lourenço, João Cardoso, Tomás Xavier	100%
US106	Search Products	M02	High	João Cardoso	100%
US201	Sign in	M01	High	João Lourenço	100%
US202	Sign up	M01	High	João Lourenço	100%
US301	Log Out	M01	High	João Lourenço	100%
US302	Add Product to Shopping Cart	M04	High	João Cardoso	100%
US303	View Profile	M01	High	Tomás Xavier, João Cardoso	100%
US304	Edit Profile	M01	High	Tomás Xavier, João Cardoso	100%
US305	View Purchase History	M04	High	Inês Almeida, João Cardoso	100%
US401	Checkout	M04	High	João Cardoso, Inês Almeida, Tomás Xavier	100%
US402	Manage Shopping Cart	M04	High	João Cardoso, Tomás Xavier, João Lourenço, Inês Almeida	100%
US601	Manage User Accounts	M05	High	João Cardoso, Inês Almeida	100%
US107	See About	M05	Medium	Inês Almeida	100%
US108	Search over Multiple Attributes	M02	Medium	Inês Almeida João Cardoso	100%
US109	Search Filters	M02	Medium	João Cardoso	100%
US110	Placeholders in form inputs	M05	Medium	Inês Almeida	100%
US111	Contextual Error Messages	M05	Medium	Tomás Xavier, João Lourenço, João Cardoso, Inês Almeida	90%

Identifier	Name	Module	Priority	Team Members	State
US112	Contextual Help	M05	Medium	Inês Almeida	90%
US113	Main Features Page	M05	Medium	João Lourenço	100%
US114	See Contacts	M05	Medium	Inês Almeida	100%
US115	Browse Product Categories	M02	Medium	João Cardoso	100%
US116	View Product Reviews	M03	Medium	Tomás Xavier, João Cardoso, Inês Almeida	100%
US203	Recover Password	M01	Medium	João Lourenço	100%
US206	Remember Me	M01	Medium	João Lourenço	100%
US306	Delete Account	M01	Medium	João Cardoso, Tomás Xavier	100%
US307	Profile Picture	M01	Medium	João Cardoso	100%
US308	View Personal Notifications	M01	Medium	Tomás Xavier, João Cardoso	100%
US309	Add Product to Wishlist	M04	Medium	Tomás Xavier	100%
US310	Manage Wishlist	M04	Medium	Tomás Xavier	100%
US311	Review Product	M03	Medium	Tomás Xavier, João Cardoso	100%
US312	Review Purchased Product	M03	Medium	Tomás Xavier, João Cardoso	100%
US313	Product in Wishlist Available Notification	M04	Medium	Tomás Xavier	100%
US403	Track Order	M04	Medium	Inês Almeida	100%
US404	Product on Cart Price Change Notification	M04	Medium	Tomás Xavier, João Cardoso	100%
US405	Change in Order Processing Stage Notification	M04	Medium	Tomás Xavier, João Cardoso	100%
US406	Payment Approved Notification	M04	Medium	Tomás Xavier, João Cardoso	100%
US407	Cancel Order	M04	Medium	João Cardoso	100%
US501	Edit Review	M03	Medium	Tomás Xavier, João Cardoso	100%

Identifier	Name	Module	Priority	Team Members	State
US502	Remove Review	M03	Medium	Tomás Xavier , João Cardoso	100%
US602	Admin Account	M05	Medium	João Lourenço , Tomás Xavier, Inês Almeida	100%
US603	Block and Unblock User Accounts	M05	Medium	João Lourenço , João Cardoso	100%
US604	Delete User Account	M05	Medium	João Lourenço , João Cardoso	100%
US605	Add Product	M05	Medium	Tomás Xavier , João Cardoso, João Lourenço	100%
US606	Manage Products Information	M02	Medium	Tomás Xavier	100%
US607	Manage Products Stock	M05	Medium	João Cardoso	100%
US608	Manage Products Categories	M05	Medium	João Cardoso	100%
US609	View User's Purchase History	M05	Medium	João Lourenço	100%
US610	Manage Order Status	M05	Medium	João Cardoso	100%
US117	Ordering of Results	M02	Low		
US204	OAuth API Sign-up	M01	Low		
US205	OAuth API Sign-in	M01	Low		
US314	Appeal for Unblock	M01	Low		
US315	Manage Account Credits	M01	Low	João Cardoso , Inês Almeida	100%
US316	Product Recommendations	M02	Low		
US317	Report Review	M03	Low	Tomás Xavier , João Cardoso	10%
US408	Manage Multiple Payment Methods	M01	Low	João Cardoso	100%
US611	View Sales Statistics	M05	Low	Inês Almeida , Tomás Xavier	40%
US612	Manage Product Discounts	M02	Low		

A10: Presentation

1. Product presentation

We have developed an online bookshop where users can create an account and buy the books available in the store, as well as add them to their wishlist, for later. Administrators have the capability to manage anything in the website, from user accounts to a product's details.

URL to the product: <http://lbaw2315.lbaw.fe.up.pt>

2. Video presentation

Link to the demo video on youtube: <https://www.youtube.com/watch?v=ygRuBCTRCjE> Link to the mp4 file: https://git.fe.up.pt/lbaw/lbaw2324/lbaw2315/-/blob/main/docs/lbaw2315.mp4?ref_type=heads

Revision history

Changes made to the first submission:

1. Item 1
 2. ..
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GROUP2315, 03/12/2023

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