PA: Product and Presentation

This project consists in an auction website for antiques, that being works of art, books, furniture, jewelry and more.

A9: Product

The majority of auctions, taken in person, causes a huge number of inconviniences, such as the weight of the objects to carry or its carefull manouvre, such as to not accidentally make it loose its value. As such, just being present carries a number of extra costs that could be absolutely avoidable or mitigated

That is the focus behind our product. Our platform presents an easy and conveninet way of bidding or auctioning off valuable articles, in absolute confort.

Our platforms design is rather intuitive, whereby the average user will see no problem utilising it, making his experience that much more enjoyable.

1. Installation

Link to the source code's final version: https://git.fe.up.pt/lbaw/lbaw2122/lbaw2123
> Full Docker command to test the group's Docker Hub image using the DBM database.

2. Usage

URL to the product: http://lbaw2123.lbaw.fe.up.pt

2.1. Administration Credentials

Username	Password
admin@gmail.com	JdNtVVVe
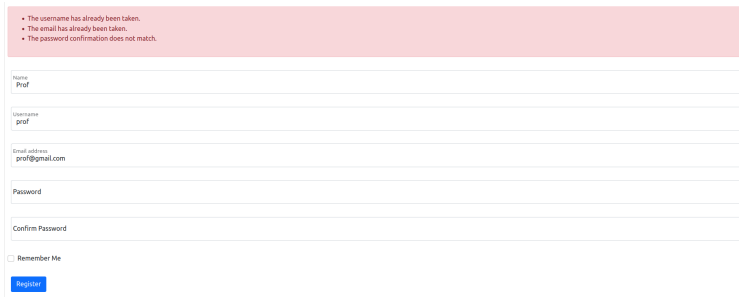
2.2. User Credentials

Type	Username	Password
bidder/auction owner	prof@gmail.com	JdNtVVVe

3. Application Help

Help and error messages are displayed upon form submission in various areas of the website. These messages clarify to the user what was wrong or missing with their input.

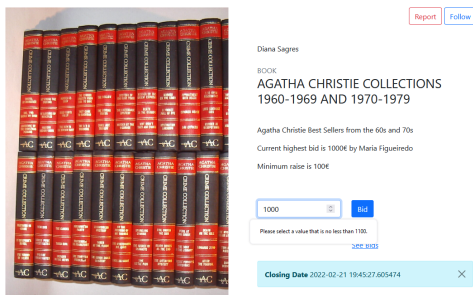Some examples of this are the Login form, the Registration Form and Auction Creation

Image 1. Example of a message from register error.
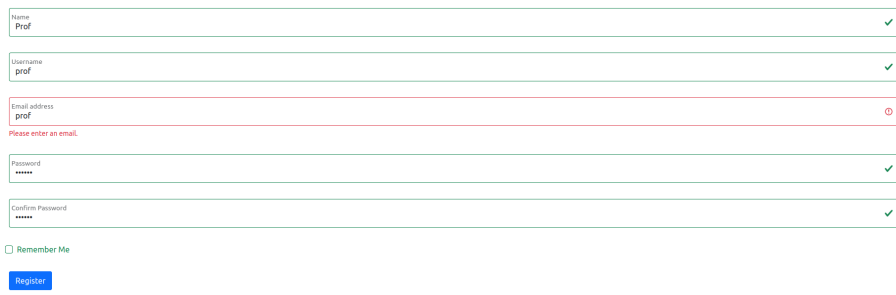
4. Input Validation

Input data is always validated both client-side and server-side. This acts as double safety for user input. Some examples of where this validation occurs are login, register, auction creation, bid on action. Client side validation usually checks for required fields and correct data types (number, text, file extension, etc) while server side validation checks those same conditions and also checks for contextual validity.

Here are some examples of Client-Side validation messages:

Image 2. Example of a bid that is too low.

Image 3. Example of invalid email

And here's an example of Server-Side validation messages:

- The username has already been taken.
- The email has already been taken.
- The password confirmation does not match.

Name
Prof

Username
prof

Email address
prof@gmail.com

Password

Confirm Password

☐ Remember Me

Register

Image 4. Example of invalid register

5. Check Accessibility and Usability

Accessibility: https://ux.sapo.pt/checklists/acessibilidade/ TODO Usability: https://ux.sapo.pt/checklists/usabilidade/ TODO

6. HTML & CSS Validation

Provide the results of the validation of the HTML and CSS code using the following tools. Include the results as PDF files in the group's repository. Add individual links to those files here.

HTML: https://validator.w3.org/nu/
CSS: https://jigsaw.w3.org/css-validator/

7. Revisions to the Project

Some of the routes from the openAPI (A7) were changed.

Our initial sql schema was changed as we developed the project. Some things that were changed are:

```
- Notification tables
- Some triggers
- Added attribute 'is_admin' to User table to check if a certain user is an Admin
```

8. Implementation Details

8.1. Libraries Used

Include reference to all the libraries and frameworks used in the product.
Include library name and reference, description of the use, and link to the example where it's used in the product.

8.2 User Stories

US Identifier	Name	Module	Priority	Team Members	State
US01	View active auctions	Module 2	High	**Maria Figueiredo**, Rita Ramada	100%
US02	Browse auctions by category	Module 2	High	**Rita Ramada**	100%
US03	Search Auctions	Module 2	High	**Rita Ramada**	50%
US04	See Home	Module 5	High		0%
US05	See About	Module 5	High	**Deborah Lago**, Afonso Monteiro	100%
US06	Consult Services	Module 5	High	**Deborah Lago**, Afonso Monteiro	100%
US07	Consult FAQ	Module 5	High	**Deborah Lago**, Afonso Monteiro	100%
US08	Consult Contacts	Module 5	High	**Deborah Lago**, Afonso Monteiro	100%
US09	View/Search user profiles	Module 3	Medium	**Rita Ramada**	75%
US11	Login	Module 1	High	**Maria Figueiredo**	100%
US12	Register	Module 1	High	**Maria Figueiredo**, Rita Ramada	100%
US13	Recover password	Module 1	High		0%
US21	Administer user accounts	Module 4	High	**Maria Figueiredo**, Afonso Monteiro	100%
US22	Block and unblock user accounts	Module 4	High		0%
US23	Manage Auction	Module 4	High	**Maria Figueiredo**	50%
US24	Cancel Auction	Module 4	High	**Maria Figueiredo**	100%
US25	Delete user account	Module 4	High	**Maria Figueiredo**	100%
US26	Notifications	Module 4	Medium	**Maria Figueiredo**	100%
US31	View/Edit Profile	Module 3	High	**Rita Ramada**, Maria Figueiredo	100%
US32	Create Auction	Module 2	High	**Maria Figueiredo**, Rita Ramada	100%
US33	Edit/Delete Auction	Module 2	High	**Maria Figueiredo**, Rita Ramada	100%
US34	Edit/Delete Comment	Module 2	High		0%
US35	View My Auctions	Module 2	High	**Maria Figueiredo**, Rita Ramada	100%
US36	Bid on Auction	Module 2	High	**Maria Figueiredo**	100%
US37	Logout	Module 1	High	**Maria Figueiredo**	100%
US38	Follow Auction	Module 1	Medium	**Deborah Lago**, Maria Figueiredo	100%
US39	View Followed Auctions	Module 1	Medium		0%
US310	View My Bidding History	Module 3	Medium	**Maria Figueiredo**, Rita Ramada	100%
US311	Add Credit to Account	Module 3	Medium		0%
US310	Report Auction	Module 2	Low	**Afonso Monteiro**, Maria Figueiredo	80%
US41	View Auction Bidding History	Module 2	High	**Maria Figueiredo**, Rita Ramada	100%
US42	Rate Seller	Module 3	Medium	**Rita Ramada**, Maria Figueiredo	100%
US51	Edit Auction	Module 2	High	**Maria Figueiredo**, Rita Ramada	100%
US52	Cancel Auction	Module 2	High	**Maria Figueiredo**	100%

US Identifier	Name	Module	Priority	Team Members	State
US53	Manage Auction Status	Module 2	Medium	**Maria Figueiredo**	100%

A10: Presentation

This artefact corresponds to the presentation of the product.

1. Product presentation

Brief presentation of the product and its main features (2 paragraphs max).

URL to the product: http://lbaw21gg.lbaw.fe.up.pt

Slides used during the presentation should be added, as a PDF file, to the group's repository and linked to here.

2. Video presentation

Screenshot of the video plus the link to the lbaw21gg.mp4 file

- Upload the lbaw21gg.mp4 file to the video uploads' Google folder. You need to use a Google U.Porto account to upload the video.

- The video must not exceed 2 minutes.
- Include a link to the video on the Google Drive folder.

Revision history

Changes made to the first submission: 1. Item 1 1. ..

GROUP21gg, DD/MM/2021

- Group member 1 name, email (Editor)
- Group member 2 name, email
- …