PA: Product and Presentation

An online bidding platform destined for car model lovers, allowing them to sell or complete their private collections, by participating in real-time traditional auctions and interacting with other worldwide collectors.

A9: Product

A website for participating in live auctions of car models. You can choose from different scales, brands and colours. A user can create its auctions, bid and comment on other user's ones, and search through all the available models. Besides this, it is also possible to add a given seller or auction to their favourites, as well as to manage their profile page, edit their information or check their statistics. The user is informed about all the main events of the website through notifications. The administrators of the system can promote a user to admin statute, ban users and schedule/cancel auctions.

1. Installation

To run our website locally simply clone the repository (link here) and run the following command on the root of the repository:

```
sudo docker run -it -p 8000:80 -e DB_DATABASE="lbaw2155" -e
DB_USERNAME="lbaw2155" -e DB_PASSWORD="VP764843" lbaw2155/lbaw2155
```

2. Usage

URL to the product: http://lbaw2155.lbaw-prod.fe.up.pt

2.1. Administration Credentials

Administration URL: http://lbaw2155.lbaw-prod.fe.up.pt/admin

Email	Password
aflowerden0@posterous.com	aflowerden0
nberrisford1@netscape.com	nberrisford1
gmcfadin2@washington.edu	gmcfadin2

2.2. User Credentials

Туре	Email	Password
basic account	fbrauned@cam.ac.uk	fbrauned
basic account	rkemmey1x@homestead.com	rkemmey1x
basic account (banned)	mtaffrey1@pbs.org	mtaffrey1

2.3 Mailtrap

https://mailtrap.io/

email: bibjigkhzhslpoiapg@twzhhq.online

password: bibjigkhzhslpoiapg

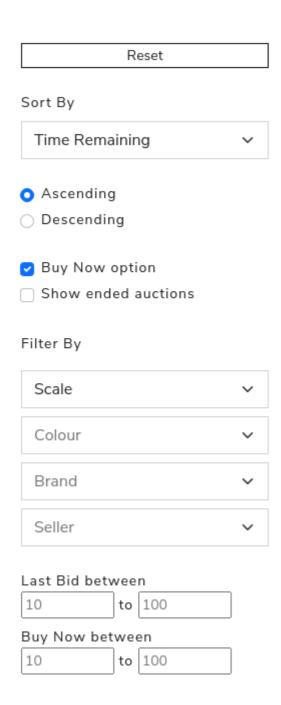
3. Application Help

The website has several ways to help the user, from tooltips and default values/tips in input fields to a textual description of some fields. For example, on the search page, every search option is followed by an explication.

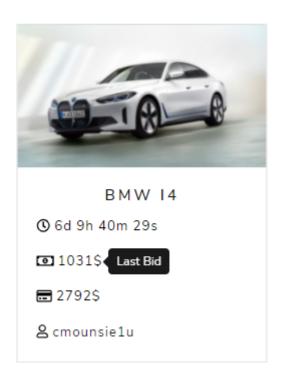
ADVANCED SEARCH ②

Change the parameters as you wish and press apply to modify your custom search.

ADVANCED SEARCH ②



In the auction cards presented on the search page, each value presented is associated with a representative icon and a small description when in hover.



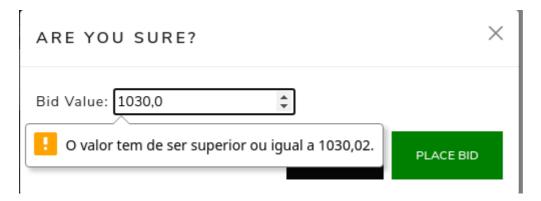
The user also receives feedback messages for every important action done. For instance, a red warning shows every time a user tries to bid in an auction whose highest bid is already of their authorship. In the next image, we can see the message shown on the profile page if the user is banned.

MY PROFILE

This account is banned. For more information contact the website administration.

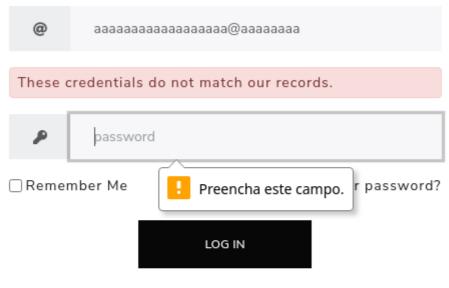
4. Input Validation

Every input is validated, not only on HTML but also on the server-side. For example, when a user tries to bid in an auction, the input is validated to warrant that its value is higher than the value of the last bid.



While logging in, the user inputs are also verified, and a red warning shows up if the credentials don't match the database records.

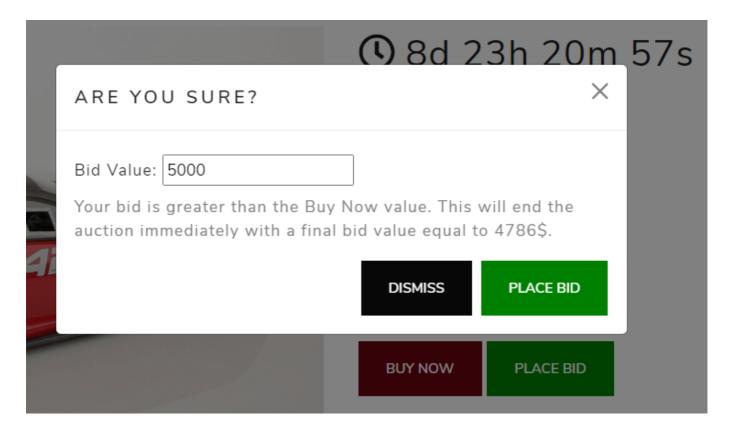
LOG IN



Don't have an account? Sign Up



If the user tries to bid with a value that is higher than the BuyNow value, a message is also shown to inform him the action will end the auction with a final value equal to the BuyNow defined.



5. Check Accessibility and Usability

Accessibility: Accessibility checklist report

Usability: Usability checklist report

6. HTML & CSS Validation

HTML:

- HTML Validation Search
- HTML Validation Auction Page
- HTML Validation FAQs

CSS: CSS Validation

7. Revisions to the Project

There were some small changes in the design and layout of some pages to better suit the framework's usage and also some additions and changes to the User Stories.

8. Implementation Details

8.1. Libraries Used

- · Laravel PHP Framework
- Bootstrap Front-end toolkit
- Mailtrap Email Testing tool

8.2 User Stories

US Identifier	Name	Module	Priority	Team Members	State
US001	See Home	User	High	Eduardo Brito , Paulo Ribeiro	100%
US002	Advanced Search	User	High	Eduardo Brito, Paulo Ribeiro	100%
US003	Auction Page	User	High	Pedro Ferreira , Pedro Ponte	100%
US101	Sign-In	Visitor	High	Eduardo Brito , Pedro Ponte	100%
US102	Sign-Up	Visitor	High	Eduardo Brito , Pedro Ponte	100%
US103	Password Recovery	Visitor	High	Eduardo Brito , Pedro Ferreira	100%
US201	Manage Auctions	Administrator	High	Eduardo Brito , Pedro Ferreira	100%
US202	Logout	Administrator	High	Pedro Ferreira , Eduardo Brito	100%
US300	Profile Page	Registered	High	Paulo Ribeiro , Pedro Ponte	100%
US301	Logout	Registered	High	Pedro Ponte , Eduardo Brito	100%
US310	Delete Profile	Registered	High	Pedro Ferreira , Eduardo Brito	100%
US401	Create an Auction	Seller	High	Pedro Ponte , Eduardo Brito	100%
US501	Bid in a given auction	Bidder	High	Pedro Ferreira , Eduardo Brito	100%
US004	See About Us	User	Medium	Paulo Ribeiro , Eduardo Brito	100%
US005	Profile Page	User	Medium	Paulo Ribeiro , Eduardo Brito	100%
US204	User Reports	Administrator	Medium	Pedro Ponte, Paulo Ribeiro	100%
US206	Notifications	Registered	Medium	Eduardo Brito , Pedro Ferreira	100%

US Identifier	Name	Module	Priority	Team Members	State
US302	Manage Favourite Auctions	Registered	Medium	Paulo Ribeiro, Pedro Ponte	100%
US303	Manage Favourite Sellers	Registered	Medium	Paulo Ribeiro, Pedro Ponte	100%
US308	Notifications	Administration	Medium	Eduardo Brito , Pedro Ferreira	100%
US309	Report Users	Registered	Medium	Paulo Ribeiro, Pedro Ponte	100%
US006	FAQ Page	User	Low	Pedro Ferreira , Eduardo Brito	100%
US304	Rating Users	Registered	Low	Pedro Ferreira , Eduardo Brito	100%
US307	Statistics	Registered	Low	Pedro Ponte , Paulo Ribeiro	100%
US403	"Buy Now" Option	Seller	Low	Pedro Ponte , Eduardo Brito	100%
US502	"Buy Now"	Bidder	Low	Paulo Ribeiro , Pedro Ponte	100%
US503	Comment an auction	Bidder	Low	Pedro Ferreira , Eduardo Brito	100%
US104	Sign-In with external API	Visitor	Low		0%
US105	Sign-Up with external API	Visitor	Low		0%
US203	Answer User Doubt	Administrator	Low		0%
US305	Remove Comments	Registered	Low		0%
US306	Question Administrator	Registered	Low		0%
US402	Access to Auction Statistics	Seller	Low		0%

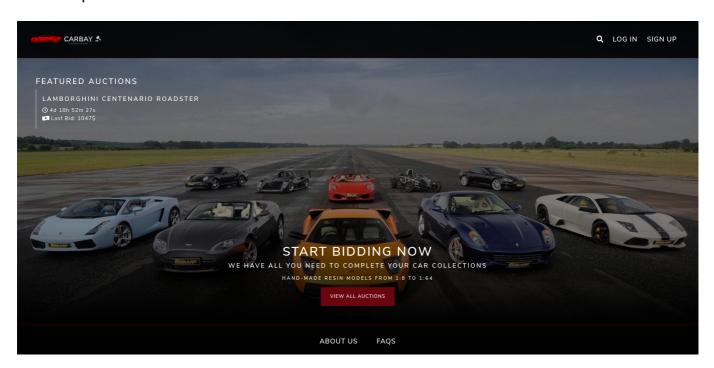
A10: Presentation

1. Product presentation

An online bidding platform destined for car model lovers, allowing them to sell or complete their private collections, by participating in real-time traditional auctions and interacting with other worldwide collectors.

URL to the product: http://lbaw2155.lbaw-prod.fe.up.pt

2. Video presentation



Google folder

Revision History

Changes made to the first submission:

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- Eduardo Brito
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GROUP 2155, 04/06/2021