

PA: Product and Presentation

In the middle of a pandemic, we wanted to provide a social network to link people, so that the distancing is only physical.

A9: Product

In this artefact we intend to show our final product and its features, how to install and use the webapp and finally the presentation of the validations.

Our web app is a place where you can share your life with everyone, or only your friends, through posts, and interact with them by liking, or a disliking, and comment whatever you want.

We are constantly trying our best to make this web app fastly readable in order to be a quick break from the everyday concerns during the pandemic.

If you want to join other people you can link yourself to them and be closer or you can create a group and invite anyone you want to be in it.

1. Installation

Our code for this project as the 4th of June can be found [here](#)

To run our docker image using the DBM database use the following command:

- `docker run -it -p 8000:80 -e DB_DATABASE="lbaw2145" -e DB_USERNAME="lbaw2145" -e DB_PASSWORD="IK904155" lbaw2145/lbaw2145`

2. Usage

The product can be used in the link below while connected to FEUP VPN:

<http://lbaw2145.lbaw-prod.fe.up.pt>

2.1. Administration Credentials

To login to administration login with the following credentials

Username	Password
zaphrak	safest

2.2. User Credentials

Type	Username	Password
basic account	xamas	password

3. Application Help

If the user tries anything outside of his allowed actions, he will get an error, followed by the possibility to correct the input and redo the action. Aside from that, there is a clickable contextual help button while trying to add a new posts. We believe that all the other actions are self-explanatory and require no additional critical information to proceed.

4. Input Validation

When it comes to input validation, we used different methods to ensure the product's stability and security.

On the frontend, we used some HTML's built-in properties and input types, for example, when a user is [creating an account](#), and some JS validation for [password changing](#).

On the backend, we have some verifications that are the same as the verifications on the frontend and have redundancy purposes, for example, in our [register](#).

5. Check Accessibility and Usability

Results for the accessibility and usability forms.

[Accessibility](#): 11/18 [Usability](#): 23/28

6. HTML & CSS Validation

Validation for the HTML and CSS.

The HTML used was the HTML for the [Home Page](#) and the [Profile Page](#) and the results were [home page validation](#) and [profile page validation](#)

We validated [every line of CSS](#) in our project and the results can be found in [CSS Validation](#)

7. Revisions to the Project

We added 2 User stories to the ER:

- US012: Search Groups
- US215: View a group page

We added and updated various routes on EAP:

- R208: Change user name
- R209: Change user password
- R210: Change user picture
- R206: Link 2 users
- R211: Reject link request
- R212: Create link request
- R319: Create post form
- R318: Get post info
- R320: Change posts order
- R321: Retrieves posts for infinite scrolling
- R322: Change a post visibility

- R406: Create a group request

8. Implementation Details

8.1. Libraries Used

We used no libraries in our project.

8.2 User Stories

US Identifier	Name	Module	Priority	Team Members	State
US101	Log in	Module M01	High	Live share	100%
US102	Register	Module M01	High	Live share	100%
US002	Read Public Posts	Module M03	High	Live share	100%
US004	Read Public Comments	Module M03	High	Live share	100%
US202	Comment	Module M03	High	Live share	100%
US204	Like a Post	Module M03	High	Live share	100%
US205	Logout	Module M01	High	Live share	100%
US301	Remove a post	Module M03	Medium	Live share	100%
US302	Remove a comment	Module M03	Medium	Live share	100%
US006	See About Page	Module M05	High	Live share	100%
US007	See FAQ Page	Module M05	High	Xavier Pisco	100%
US201	Post	Module M01	High	Xavier Pisco	100%
US003	See Public Profiles	Module M02	High	Pedro Coelho	100%
US215	View a group page	Module M04	High	Xavier Pisco	100%
US008	Search Posts	Module M03	High	João Gonçalves	100%
US005	Search Groups	Module M04	High	Nuno Resende	100%
US208	Send friend request	Module M02	High	Pedro Coelho	100%
US005	Search Profiles	Module M02	High	Nuno Resende	100%
US211	Add friends to a group	Module M04	High	Xavier Pisco	100%
US210	Create a Group	Module M04	High	Nuno Resende	100%
US401	Delete other's post	Module M05	High	Xavier Pisco	100%
US402	Delete other's comments	Module M05	High	Xavier Pisco	100%
US203	Report	Module M03	High	Xavier Pisco	100%
US209	See private posts	Module M03	High	Xavier Pisco	100%

US Identifier	Name	Module	Priority	Team Members	State
US001	See Home Page	Module M05	High	João Gonçalves	100%
US207	Delete Account	Module M03	High	João Gonçalves	100%
US206	View/Edit own profile	Module M02	High	Pedro Coelho	100%
US103	Recover Password	Module M01	High	Xavier Pisco	10%

A10: Presentation

This artefact includes a product presentation, where the main features are summarized, and a video to help with that presentation.

1. Product presentation

Most people don't like working from home due to all the distractions they are faced with. How many times have we taken a 'short' break from our work just to find ourselves wasting much more time than we anticipated looking at our social media? That's why LiNK.ME is the perfect social media for people who are working from home. It provides fast readability with a clean interface to stop people from wasting too much time on it. The user can post whatever he wants, as well as keep up with everything that his friends are doing with a quick search. He is also able to create groups and add whoever he wants just to share posts with people in that same group. LiNK.ME is a fast and simple social network that has the potential to become great!

Our product can be found in the following URL: <http://lbaw2145.lbaw-prod.fe.up.pt>

2. Video presentation

[!video](#)

Our video is uploaded on the [Google folder](#).

Revision history

GROUP2145, 11/06/2021

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