

PA: Product and Presentation

With the development of toEaseManage we intend to create a useful and acessible platform that helps users to organize projects as well as grow as web developers throughout the curricular unit. The website is for everyone, it can be used personally, for business, school, or even among friends.

A9: Product

This artefact has the final version of product developed. All features implemented are identified below as well as the main usage, administration credentials and application help.

1. Installation

Source code final release can be seen [here](#)

In order to test our docker image locally the following comand must be executed:

```
docker run -it -p 8000:80 --name=lbaw2102 -e DB_DATABASE="lbaw2102" -e DB_SCHEMA="lbaw2102" -e DB_USERNAME="lbaw2102" -e DB_PASSWORD="LqprwisN" git.fe.up.pt:5050/lbaw/lbaw2122/lbaw2102
```

2. Usage

URL to the product: <http://lbaw2102.lbaw.fe.up.pt>

2.1. Administration Credentials

Administration URL: <http://lbaw2102.lbaw.fe.up.pt>

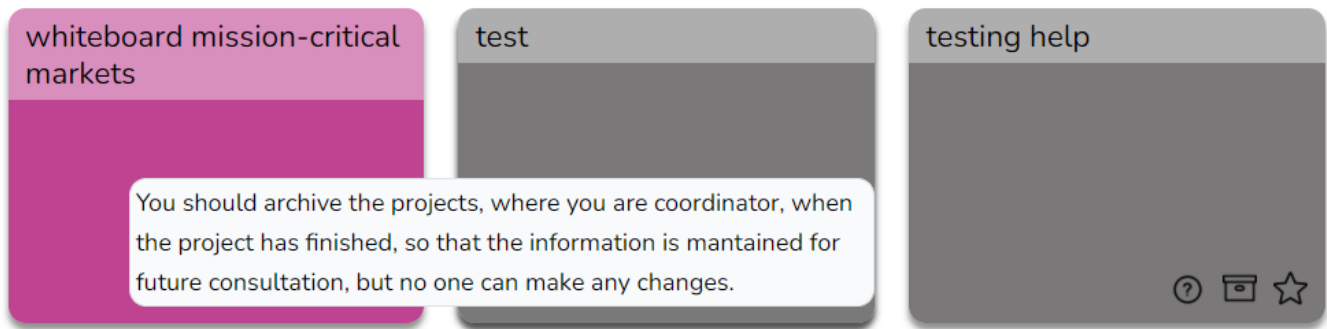
Email	Password
admin@admin.com	123456

2.2. User Credentials

Type	Email	Password
Coordinator/Member	sbennalck2@is.gd	123456
Member	mferries0@yellowpages.com	123456

3. Application Help

Contextual help was implemented in our project with the addition of small question marks that can be hovered to give extra information about a certain button action.



Additionally error messages are presented to the user if some invalid action is made.

Project name is required!

Save

Cancel

4. Input Validation

In our project we use both client-side and server-side validation for example while receiving date inputs from the user:

In our blade.php we have created a date type input:

```
<div class="due-date">
  <span>Due Date:</span>
  <input class="date" type="date" name="date" value="{{ $date }}">
</div>
```

In the controller we are verifying the existence of a data attribute:

```
if($request->dueDate){
    $date = $request->dueDate;
    if($date != ""){
        $date = explode('-', $date);
        $date = implode('/', $date);
        $task->due_date = $date;
    }
}
```

In our database we check if the given date is valid in that context:

```
CONSTRAINT task_due_date CHECK (due_date > created_at)
```

5. Check Accessibility and Usability

The usability and accessibility tests were done following the checklists provided below. Please check the two links in case of doubts.

Accessibility: [link to the checklist](#)

Usability: [link to the checklist](#)

6. HTML & CSS Validation

HTML: [link](#) to the html validation pdf that concatenates the validation to the pages of the web application with <https://validator.w3.org/nu/>

CSS: [link](#) to the css validation

7. Revisions to the Project

The final product abled us to finally be aware of some user stories that we did not explicitate in the first documents. In ER we added user stories related to labels and other concerning the reset password feature. In EAP the yaml document was review and edited to be in agreement with the requests and routes that we effectively implemented having corrected some requests, deleted others that were not implemented as we expected.

8. Implementation Details

8.1. Libraries Used

In our project we use [Bootstrap](#), to implement our popups. The usage of this library can be seen when the pop up is [created](#), [declared](#) and [toggled](#).

8.2 User Stories

US Identifier	Name	Module	Priority	Team Members	State
US1.1	Sign-in	M01: Authentication and Individual Profile	high	Beatriz Santos	100%
US1.2	Sign-up	M01: Authentication and Individual Profile	high	Beatriz Santos	100%
US2.2	View projects	M02: Project	high	André Pereira , Beatriz Santos, Matilde Oliveira	100%
US2.4	Logout	M01: Authentication and Individual Profile	high	Beatriz Santos	100%
US2.6	View profile	M01: Authentication and Individual Profile	high	Beatriz Santos	100%
US6.7	View Project	M02: Project	high	Matilde Oliveira	100%

US Identifier	Name	Module	Priority	Team Members	State
US3.9	View Project Details	M02: Project	high	André Pereira	100%
US3.4	View Tasks	M03: Tasks and Comments	high	Matilde Oliveira	100%
US3.13	View Project Timeline	M02: Project	medium	Matilde Oliveira	100%
US2.7	Edit profile	M01: Authentication and Individual Profile	high	Beatriz Santos	100%
US2.3	Mark project as favorite	M02: Project	high	André Pereira	100%
US2.1	Create projects	M02: Project	high	André Pereira , Matilde Oliveira	100%
US3.1	Create Tasks	M03: Tasks and Comments	high	Matilde Oliveira	100%
US3.2	Manage Tasks	M03: Tasks and Comments	high	Matilde Oliveira	100%
US3.7	Search Tasks	M03: Tasks and Comments	high	André Pereira	100%
US3.10	View Team Profiles	M02: Project	high	André Pereira , Matilde Oliveira	100%
US4.2	Edit Project Details	M02: Project	high	André Pereira , Beatriz Santos, Matilde Oliveira	100%
US2.14	Order Projects	M02: Project	low	André Pereira	100%
US3.6	Complete Tasks	M03: Tasks and Comments	high	Matilde Oliveira	100%
US2.5	Delete account	M01: Authentication and Individual Profile	high	Beatriz Santos , André Pereira	100%
US3.8	Leave Project	M02: Project	high	André Pereira	100%
US4.1	Assign Coordinator	M02: Project	high	André Pereira	100%
US6.1	Login Admin Account	M06: User Administration	high	André Pereira	100%
US6.2	Administer User	M06: User Administration	high	André Pereira	100%

US Identifier	Name	Module	Priority	Team Members	State
US6.6	Browse Projects	M06: User Administration	high	André Pereira	100%
US6.5	Delete User	M06: User Administration	high	André Pereira	100%
US0.1	See Home	M07: Static Pages	high	Beatriz Santos	100%
US0.2	See About	M07: Static Pages	high	Ricardo Ferreira	100%
US0.3	Contact Team	M07: Static Pages	medium	Ricardo Ferreira	100%
US0.4	Consult Services	M07: Static Pages	medium	Ricardo Ferreira	100%
US4.5	Invite Users	M05: Invites and Notifications	low	André Pereira	100%
US2.9	View notifications	M05: Invites and Notifications	high	Beatriz Santos	100%
US2.11	Receive Notifications	M05: Invites and Notifications	high	Beatriz Santos	100%
US4.3	Remove Member	M02: Project	high	André Pereira	100%
US3.3	Assign Tasks	M03: Tasks and Comments	high	André Pereira	100%
US3.11	Browse the Project Forum	M04: Project Forum and Labels	medium	Matilde Oliveira	100%
US3.12	Post messages to Project Forum	M04: Project Forum and Labels	medium	Matilde Oliveira	100%
US3.5	Comment Tasks	M03: Tasks and Comments	high	Matilde Oliveira	100%
US4.4	Archive Project	M02: Project	high	André Pereira, Matilde Oliveira	100%
US4.7	Create Label	M04: Project Forum and Labels	low	Matilde Oliveira, Beatriz Santos	100%
US4.8	Delete Label	M04: Project Forum and Labels	low	Beatriz Santos, Matilde Oliveira	100%
US3.14	Assign Label to Task	M04: Project Forum and Labels	low	Matilde Oliveira, Beatriz Santos	100%
US3.15	Delete Label from Task	M04: Project Forum and Labels	low	Beatriz Santos, Matilde Oliveira	100%

US Identifier	Name	Module	Priority	Team Members	State
US6.3	Block User	M06: User Administration	high	André Pereira	100%
US6.4	Unblock User	M06: User Administration	high	André Pereira	100%
US2.8	Upload Profile Pictures	M01: Authentication and Individual Profile	high	André Pereira , Beatriz Santos	100%
US2.12	Accept project invitations	M05: Invites and Notifications	high	Ricardo Ferreira	100%
US2.13	Project Invitation	M05: Invites and Notifications	low	Ricardo Ferreira	100%
US1.5	Reset Password	M01: Authentication and Individual Profile	low	André Pereira	100%
US4.6	Manage Members Permissions	M02: Project	low		0%
US2.10	Appeal for unblock	M06: User Administration	high		0%
US5.1	Edit Post	M04: Project Forum and Labels	low		0%
US5.2	Delete Post	M04: Project Forum and Labels	low		0%
US1.3	OAuth API Sign-up	M01: Authentication and Individual Profile	very low		0%
US1.4	OAuth API Sign-in	M01: Authentication and Individual Profile	very low		0%

A10: Presentation

In this artefact we will leave some information about the presentation of the product as well as a small video demonstrating the main features.

1. Product presentation

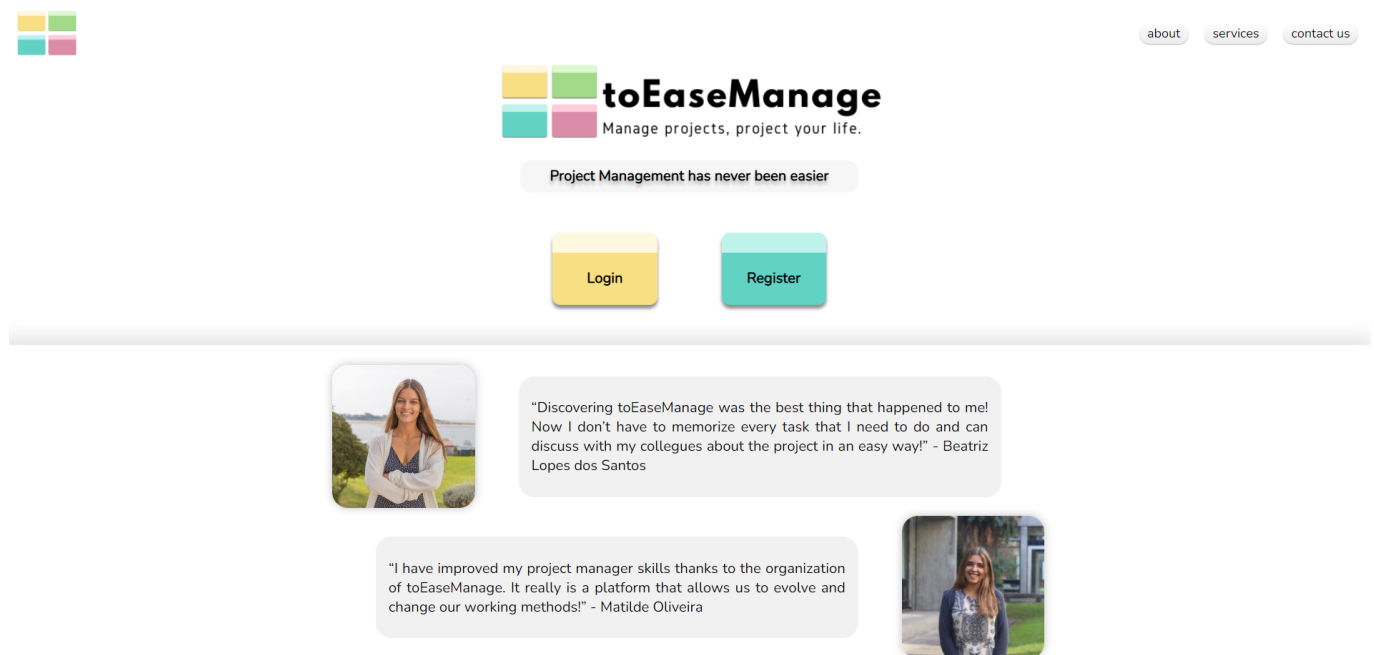
toEaseManage is a web application that helps project management. The website is for everyone, it can be used personally, for business, school, or even among friends. This is a tool that can be used by teams in every project areas, by allowing the creation of a project, assigning teams and tasks and enabling discussion in a forum inside a project. A project is formed by a project coordinator and a group of project members. The coordinator is responsible for inviting members to his project as well as assigning a new coordinators. Every team member is able to create, assign and complete tasks, as well as, to usufruit of the project discussion forum.

This platform will allow multiple project work, since you can work simultaneously in different projects and be either member or project coordinator in different ones. Each project will have a variety of tasks with its main goal, description, due-to date, comments and members assigned to it, that can check the task when done. Furthermore, each project will also have a specific discussion forum to discuss project ideas.

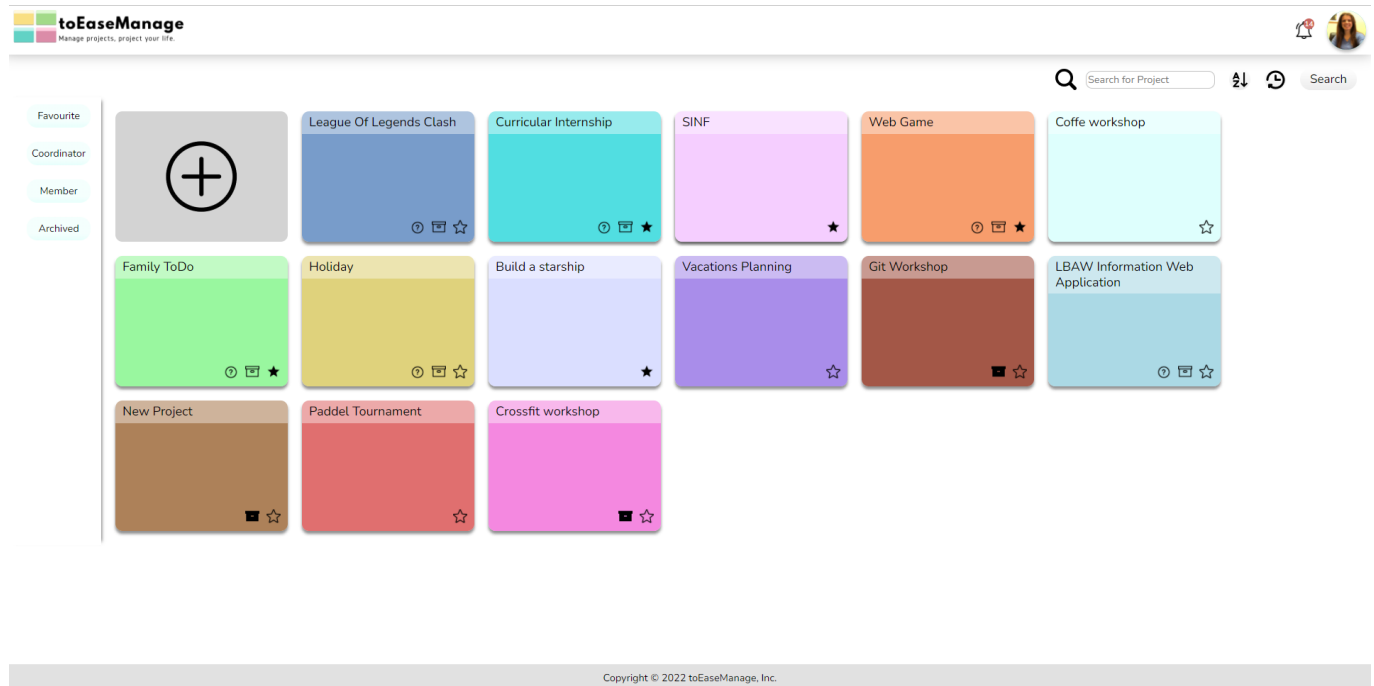
URL to the product: <http://lbaw2102.lbaw.fe.up.pt>

2. Video presentation

toEaseManage Home Page



toEaseManage Project Page



Video Link: [here](#).

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- Beatriz Lopes dos Santos, up201906888@up.pt
- Matilde Oliveira, up201906954@up.pt (editor)
- Ricardo Ferreira, up201907835@up.pt