

# A10: Product

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This project intends to develop an management, objective setting and task scheduling in scope of project development. The system can be used by authenticated users or visitors. Both of them have access to public information, public projects names and descriptions, but only registered users can create or join projects. We made it to simplify project groups routine, organizing projects and your respective tasks.

## 1. Installation

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Github release

[https://github.com/JCLemos92/lbaw1767/tree/master/lbaw1767\\_new](https://github.com/JCLemos92/lbaw1767/tree/master/lbaw1767_new)

Full Docker command

```
docker run -it -p 8000:80 -e DB_DATABASE=lbaw1767 -e DB_USERNAME=lbaw1767  
-e DB_PASSWORD=yt38tq01 gabrielmac/lbaw1767
```

## 2. Usage

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URL to the product

<http://lbaw1767.lbaw-prod.fe.up.pt>

### 2.1. User Credentials

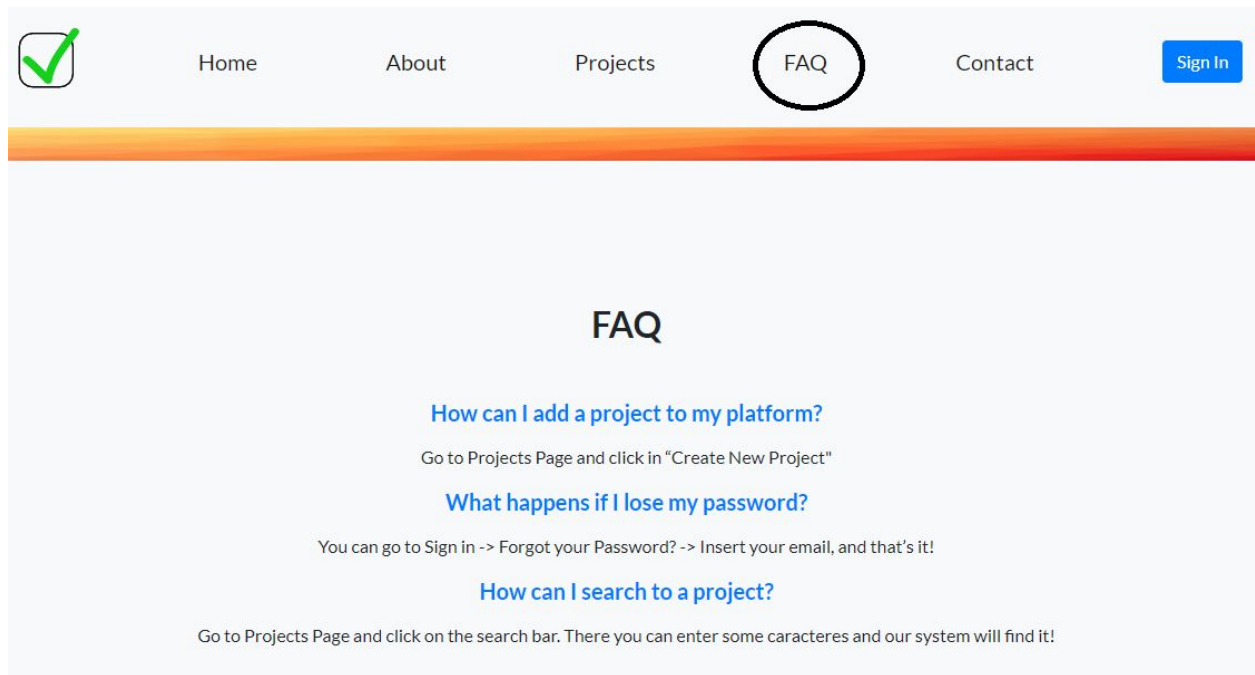
| Type           | Username     | Password |
|----------------|--------------|----------|
| Project Member | andremarques | andre123 |

|                     |           |          |
|---------------------|-----------|----------|
| Project Coordinator | JuPereira | julia123 |
|---------------------|-----------|----------|

### 3. Application Help

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Help was implemented in the website with a FAQ Page to make it easier for users to get to know the most relevant features of the website.



### 4. Input Validation

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The input data was validated on HTML and Controllers.

### 5. Check Accessibility and Usability

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Results of [Acessibilidade](#) and [Usabilidade](#) check.

### 6. HTML & CSS Validation

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Results of [HTML Validation](#) and [CSS Validation](#).

## 7. Revisions to the Project

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Since the requirements specification stage, somethings were changed in our project. We don't have a message owner and a post owner as user stories, since we couldn't implement a forum for the projects. Members can't login in using an API, they have to make a normal register in the website. All members of project can visualize the project title, description and the others members, they also can create, set and pick tasks, but can't filter projects by done or in progress. The coordinator have more privileges than a common member, on our site they can invite, ban, set others users as coordinators, and other permissions.

The notification system wasn't implemented. To see updates of the project, the member must access the project page.

Most of features were marked as 'Low' priority, so we focused in finish the bigger priorities.

## 8. Implementation Details

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### 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 example where it's used in the product.frame.

| Library Name | Reference                      | Description  | Link               |
|--------------|--------------------------------|--|--------------------|
| Mail         | <a href="#">Laravel - Mail</a> | Laravel provides a clean, simple API over the popular SwiftMailer library with drivers for SMTP, Mailgun, SparkPost, Amazon SES, PHP's mail function, and sendmail, allowing us to started sending | <a href="#">#1</a> |

|                |  |   |                    |
|----------------|--|---|--------------------|
|                |  | mail through a local or cloud based service of your choice.   |                    |
| Authentication | <a href="#">Laravel - Authentication</a> | We used Authentication to know who was authenticated in the system, getting all parameters associated with their id.  | <a href="#">#2</a> |
| Pagination     | <a href="#">Laravel - Pagination</a>     | Since Laravel's paginator is integrated with the query builder, it provides a easy-to-use pagination for showing database results.  | <a href="#">#3</a> |
| Middleware     | <a href="#">Laravel - Middleware</a>     | Verifies if the user is authenticated. If the user is not authenticated, the middleware will redirect the user to the login screen. However, if the user is authenticated, the middleware will allow the request to proceed further into the application. | <a href="#">#4</a> |

## 8.2 User Stories

Detail the status of the implementation of each user story. Also include the new user stories that were created during the project.

| US Identifier | Name | Priority | Team members | State |
|---------------|------|----------|--------------|-------|
|               |      |          |              |       |

|      |                                  |           |                          |      |
|------|----------------------------------|-----------|--------------------------|------|
| US01 | Sign-In                          | Mandatory | Andremares,<br>JuPereira | 100% |
| US02 | Sign-up                          | Mandatory | Andremares,<br>JuPereira | 100% |
| US03 | Sign-in<br>using<br>external API | Optional  | Andremares,<br>JuPereira | 0%   |
| US04 | Sign-up<br>using<br>external API | Optional  | Andremares,<br>JuPereira | 0%   |
| US11 | Home<br>page                     | Mandatory | Andremares,<br>JuPereira | 100% |
| US12 | About<br>page                    | Mandatory | Andremares,<br>JuPereira | 100% |
| US13 | Projects<br>page                 | Mandatory | Andremares,<br>JuPereira | 100% |
| US14 | FAQ<br>page                      | Mandatory | Andremares,<br>JuPereira | 100% |
| US15 | Contact<br>page                  | Mandatory | Andremares,<br>JuPereira | 100% |

|      |                            |           |                           |      |
|------|----------------------------|-----------|---------------------------|------|
| US16 | Search projects            | Mandatory | Andremaresques, JuPereira | 100% |
| US17 | Filter projects            | Optional  | Andremaresques, JuPereira | 100% |
| US21 | Sign-Out                   | Mandatory | Andremaresques, JuPereira | 100% |
| US22 | Join a project             | Mandatory | Andremaresques, JuPereira | 100% |
| US23 | Edit profile               | Important | Andremaresques, JuPereira | 100% |
| US24 | Respond to project invites | Optional  | Andremaresques            | 100% |
| US25 | Create a New Project       | Mandatory | Andremaresques, JuPereira | 100% |
| US31 | Member List                | Mandatory | Andremaresques, JuPereira | 100% |

|      |                          |           |                          |      |
|------|--------------------------|-----------|--------------------------|------|
| US32 | Create a Task            | Mandatory | Andremares,<br>JuPereira | 100% |
| US33 | Pick a Task              | Mandatory | Andremares,<br>JuPereira | 100% |
| US34 | Create a forum posts     | Mandatory | Andremares,<br>JuPereira | 0%   |
| US35 | Comm ent on a forum post | Mandatory | Andremares,<br>JuPereira | 0%   |
| US41 | Invite user              | Optional  | Andremares               | 0%   |
| US42 | Remov e user             | Optional  | Andremares               | 0%   |
| US43 | Accept user              | Optional  | Andremares               | 0%   |

|      |                          |          |                           |      |
|------|--------------------------|----------|---------------------------|------|
| US44 | Edit project description | Optional | Andremaresques            | 0%   |
| US45 | Edit project status      | Optional | Andremaresques            | 0%   |
| US46 | Edit project permissions | Optional | Andremaresques            | 0%   |
| US47 | Promove as coordinator   | Optional | Andremaresques            | 100% |
| US48 | Remove Coordinator       | Optional | Andremaresques            | 100% |
| US51 | Edit Message             | Optional | Andremaresques, JuPereira | 0%   |
| US52 | Delete Message           | Optional | Andremaresques, JuPereira | 0%   |



|      |                           |           |                          |      |
|------|---------------------------|-----------|--------------------------|------|
| US61 | Edit Post                 | Optional  | Andremares,<br>JuPereira | 0%   |
| US62 | Delete Post               | Optional  | Andremares,<br>JuPereira | 0%   |
| US63 | Delete Post<br>Messages   | Optional  | Andremares,<br>JuPereira | 0%   |
| US71 | Edit Task                 | Mandatory | Andremares,<br>JuPereira | 0%   |
| US72 | Delete Task               | Mandatory | Andremares,<br>JuPereira | 100% |
| US73 | See Task<br>Notifications | Optional  | Andremares,<br>JuPereira | 0%   |
| US74 | Task Completion           | Optional  | Andremares,<br>JuPereira | 100% |

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GROUP1767, 01/06/2018

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