

A10: Product

This artefact is the result of the implementation of the information system designed in the earlier stages, using PHP as a language for producing dynamic web pages and PostgreSQL as a database management system.

Below are the description of the user stories that were implemented in the project, divided by modules, as well the name of the team member responsible for their implementation.

User Stories

A User Story is a description that consists of one or more sentences used to capture the actions of a type of user when using the system, giving the reasons for those actions. A User Story helps to define the functions a system must provide and also gives a simplified description of a requirement.

On the tables below are the *user stories* that define the functions of our system, **Direkt**.

Module 1 - Authentication and Personal Overview

Web resources associated with user authentication and individual profile management; includes the following system features: login/logout, registration, view and edit personal profile information. Also allows a user to join a Project, create a new Project and accept an invitation to enter a Project.

Identifier	Name	Priority	Permissions	Description	Team Member
US01	Log in	high	Visitor	As a <i>Visitor</i> I want to authenticate into the system to be able to access privileged information	Maria João Mira Paulo / José Carlos Coutinho
US02	Register	high	Visitor	As a <i>Visitor</i> I want to register myself into the system to be able to authenticate myself into the system	Maria João Mira Paulo / José Carlos Coutinho
US11	Create Project	high	User	As an <i>User</i> I want to create a project to be able to work on a project	Maria João Mira Paulo / José Carlos Coutinho
US12	Join a Project	high	User	As an <i>User</i> I want to join a project to be able to collaborate with team mates	José Carlos Coutinho
US13	Change Password	high	User	As an <i>User</i> I want to change my password to protect my account	Pedro Costa
US14	Update Profile	medium	User	As an <i>User</i> I want to update my profile to provide accurate information about myself	Pedro Costa
US24	Switch Project	high	Team Member	As a <i>Team Member</i> I want to switch to another project to be able to collaborate on another project	Edgar Passos / José Carlos Coutinho / Maria João Mira Paulo / Pedro Costa

Module 2 - Dashboard

Web resources that allow the user to have an overview of the status of a project. Allows the user to view the most urgent meetings or tasks, as well as the latest discussions and uploaded files

There were no specified user stories for this module, a preview of each module is shown.

The preview for the tasks was made by Pedro Costa, the preview for the forum was made by Edgar Passos, the previews for the files and meetings were made by Maria João Mira Paulo, and the preview for the team was made by José Carlos Coutinho.

Module 3 - Team Manager

Web resources associated with the management of the team, allows the user to see information about the other team members, as well as promote or demote them, if the user is a coordinator.

Identifier	Name	Priority	Permissions	Description	Team Member
US31	Add User to Project	high	Team Coordinator	As a <i>Team Coordinator</i> I want to add an user to the project to collaborate with him/her	José Carlos Coutinho
US32	Remove User from Project	high	Team Coordinator	As a <i>Team Coordinator</i> I want to remove someone from the project to only have people who are needed on the project	José Carlos Coutinho
US33	Give Coordinator Privileges	high	Team Coordinator	As a <i>Team Coordinator</i> I want to give coordinator privileges to a team member to reflect his status on the team	José Carlos Coutinho
US34	Remove Coordinator Privileges	high	Team Coordinator	As a <i>Team Coordinator</i> I want to remove coordinator privileges from a teammate to reflect his status on the team	José Carlos Coutinho

Module 4 - Project Forum

Web resources associated with the team forum, allow the user to view and interact with the forum posts and replies

Identifier	Name	Priority	Permissions	Description	Team Member
US25	Create Post	high	Team Member	As a <i>Team Member</i> I want to create a post on the forum to discuss some part of the project	Edgar Passos
US26	Reply to Post	high	Team Member	As a <i>Team Member</i> I want to reply to a forum post to give my opinion on some part of the project	Edgar Passos
US212	Like a Reply	low	Team Member	As a <i>Team Member</i> I want to like a reply on a comment to show I agree with what was said	Edgar Passos

Identifier	Name	Priority	Permissions	Description	Team Member
US213	Unlike a Reply	low	Team Member	As a <i>Team Member</i> I want to unlike a comment to show I disagree with what was said	Edgar Passos
US39	Delete Post	high	Team Coordinator	As a <i>Team Coordinator</i> I want to delete a forum post to remove irrelevant discussion	Edgar Passos
US310	Delete Reply	high	Team Coordinator	As a <i>Team Coordinator</i> I want to delete a reply to a forum post or comment to remove irrelevant discussion	Edgar Passos

Module 5 - Project Tasks

Web resources associated with the project's task list, allow the user to create, edit, view and group the tasks.

Identifier	Name	Priority	Permissions	Description	Team Member
US21	Add a Task	high	Team Member	As a <i>Team Member</i> I want to add a Task to a Task List to register features or parts of features that need to be completed	Pedro Costa
US22	Mark as Completed	high	Team Member	As a <i>Team Member</i> I want to mark a Task as completed to signal progress on the project	Pedro Costa
US23	Mark as Uncompleted	high	Team Member	As a <i>Team Member</i> I want to unmark a completed task to signal some work is still needed	Pedro Costa
US27	Edit My Tasks	high	Team Member	As a <i>Team Member</i> I want to edit a task I created to better convey what is needed	Pedro Costa
US28	Comment Task	high	Team Member	As a <i>Team Member</i> I want to add a comment on a task to give my opinion on the task	Pedro Costa
US311	Delete Comment	high	Team Coordinator	As a <i>Team Coordinator</i> I want to delete a comment on a task to remove irrelevant discussion	Pedro Costa
US35	Create Task Groups	high	Team Coordinator	As a <i>Team Coordinator</i> I want to create a group for tasks to keep the task list organized	Pedro Costa
US36	Delete Task Groups	high	Team Coordinator	As a <i>Team Coordinator</i> I want to delete a task group to keep the task list organized	Pedro Costa
US37	Edit Task	high	Team Coordinator	As a <i>Team Coordinator</i> I want to edit a task to better convey what is needed	Pedro Costa
US38	Delete Task	high	Team Coordinator	As a <i>Team Coordinator</i> I want to delete a task to remove unneeded tasks that would clutter the task list	Pedro Costa

Identifier	Name	Priority	Permissions	Description	Team Member
US313	Assign to Task	medium	Team Coordinator	As a <i>Team Coordinator</i> I want to assign a teammate to a task to make him responsible for completing the task	Pedro Costa

In this module we implemented **full-text search** in order to find specific tasks based on their title or description. It is possible to search either in the completed or in the uncompleted tasks.

Full-text search was implemented after the final delivery so it can only be seen in the following gnomo server (using the same credentials):

<http://gnomo.fe.up.pt/~up201403820/final/pages/authentication.php>

Module 6 - Project Meetings

Web resources associated with the project team's meetings, allow the user to view the meetings and their details, as well as manage the invitations to a meeting.

Identifier	Name	Priority	Permissions	Description	Team Member
US29	Schedule a Meeting	high	Team Member	As a <i>Team Member</i> I want to schedule a meeting to have a discussion with the team	Maria João Mira Paulo
US210	Invite a User to a Meeting	high	Team Member	As a <i>Team Member</i> I want to invite a user to a meeting to let him know he should attend the meeting	Maria João Mira Paulo
US214	Edit a Meeting	low	Team Member	As a <i>Team Member</i> I want to edit a meeting's details to reschedule it or to make sure everyone knows what will be done	Maria João Mira Paulo
US215	Delete my Meeting	low	Team Member	As a <i>Team Member</i> I want to delete a meeting I created because it is no longer needed	Maria João Mira Paulo
US312	Delete Meeting	medium	Team Coordinator	As a <i>Team Coordinator</i> I want to delete a meeting because it is not needed	Maria João Mira Paulo

Module 7 - Project Files

Web resources associated with the project's files, allow the user to upload and download files, and see their descriptions

Identifier	Name	Priority	Permissions	Description	Team Member
US211	Upload a File	medium	Team Member	As a <i>Team Member</i> I want to upload a file to keep it on an easily accessible place and share it with the team	Maria João Mira Paulo

Help Page

Page which shows the functionalities of each of the pages of the product.

Credentials

e-mail: jcl@direkt.com

pass: lbaw1614

url: <http://gnomo.fe.up.pt/~lbaw1614/final/pages/authentication.php>

url para full-text search: <http://gnomo.fe.up.pt/~up201403820/final/pages/authentication.php>

final.zip

final-w-text-search.zip

— *LBAW*

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Last update: **2017/06/16 19:20**

