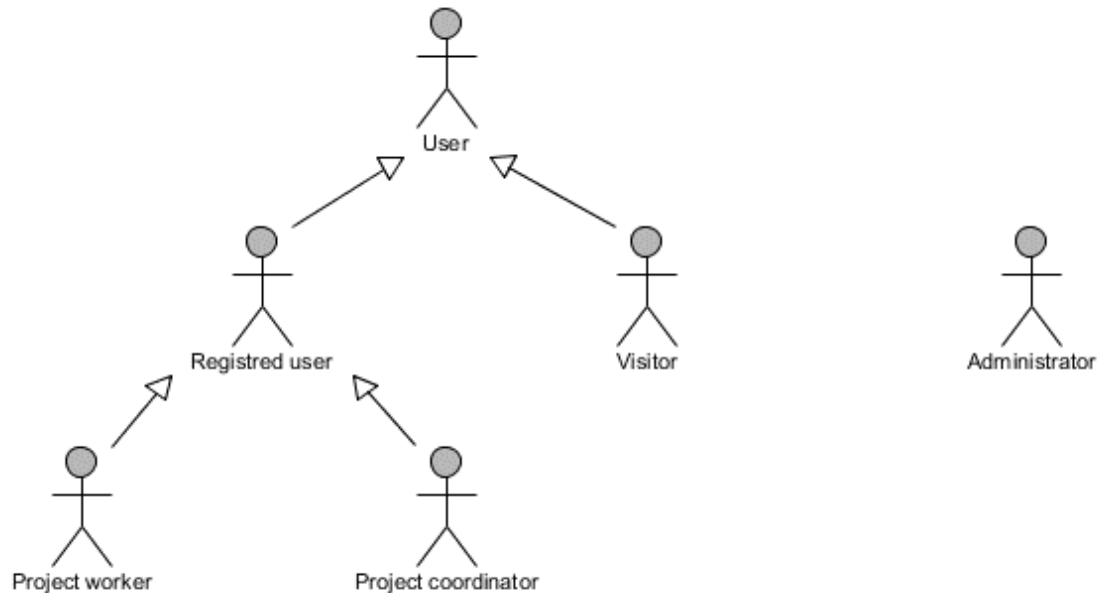


A2: Actors and user stories

This artifact contains the specification of actors and their user stories for the project management system.

Actors



Identifier	Description
User	Generic user that has access to the project-list public projects .
Visitor	Unauthenticated user; can sign up or log in in the system
Registered Authenticated user	Authenticated user; Can see his profile info, list of projects he created or works in; Can search for projects or other users; Can create a project or select na already created from that lists to see details or make modifications.
Common user Project worker	Authenticated user that is part of the team that works for that specific project; Can propose the creation and closing of tasks as well as update the task's progression as it evolves and add comments to it; Can also upload files and participate in a discussion in the forum.
Project Coordinator	Authenticated user that is the creator of the selected project; Can define the project deadline, Schedule meetings, choose a team of people to work in that project (common users); Can also approve creation and closing of tasks proposed by a common user and delete and archive tasks.
Administrator	User that is responsible for user management, system supervisory and maintenance.

User Stories

User

Identifier	Name	Priority	Description
US01	Home Page	High	As an <i>User</i> , I want to access the system's home page to be able to see the website's first page, so that i can see what the website allows me to do.
US02	About Page	High	As an <i>User</i> , I want to access the system's about page to be able to see the website's description, including available services, information about the creators, contacts, etc.
US03	Project List	High	As an <i>User</i> , I want to access the project list, so that I can see all public projects on the system <u>search for projects (can only search public projects, projects the ones</u> set to private can't be seen here).

Visitor

Identifier	Name	Priority	Description
US11	Sign-up	High	As a <i>Visitor</i> , I want to register myself into the system by creating an account that will allow me to authenticate in the system. If my username/e-mail has a specific domain, I can have access to a company's private platform.
US12	Log-in	High	As a <i>Visitor</i> , I want to log in into the system so that, when authenticated, I can access other functionalities of the system.

~~Registered-Authenticated~~ User

Identifier	Name	Priority	Description
US21	Profile	High	As an Registered-Authenticated <u>User</u> , I want to see my profile info and update it if necessary (picture, username, password, etc).
US22	Created projects	High	As an Registered-Authenticated <u>Uder</u> , I want to access a list of all the projects I created.
US23	Projects working	High	As an Registered-Authenticated <u>Uder</u> , I want to access a list of all the projects I currently work on.
US24	Create project	High	As an Registered-Authenticated <u>User</u> , I want to create a new project.
US25	Select project	High	As an Registered-Authenticated <u>User</u> , I want to select a project (either from the list of projects I created or from the list of projects I worn on).

US26	Search	Medium	As an Registered <u>Authenticated User</u> , I want to search for other users or projects.
<u>US27</u>	<u>Log out</u>	<u>High</u>	<u>As an <i>Authenticated User</i>, I want to log out from my account.</u>
<u>US28</u>	<u>Delete account</u>	<u>High</u>	<u>As an <i>Authenticated User</i>, I want to delete my account.</u>

Common UserProject worker

Identifier	Name	Priority	Description
US31	Create task	High	As a Common User <u>Project Worker</u> , I want to create a task (however the task isn't created until the coordinator's approval).
US32	Close task	High	As a Common User <u>Project Worker</u> , I want to close a task (however the task isn't closed until the coordinator's approval).
US33	Execute task	High	As a Common User <u>Project Worker</u> , I want to execute the task I created and became responsible for.
US34	Update task	High	As a Common User <u>Project Worker</u> , I want to update the task's progress. I can also comment it, giving a description of what has been done.
US35	Comment	High	As a Common User <u>Project Worker</u> , I want to add a comment to a task to give any kind of information to the task's executor.
US36	Upload file	High	As a Common User <u>Project Worker</u> , I want to upload files (eg: relevant articles I read for research).
US37	Forum	Medium	As a Common User <u>Project worker</u> , I want to participate in a discussion in the forum.

Project Coordinator

Identifier	Name	Priority	Description
US41	Deadline	High	As a <u>Project</u> <i>Coordinator</i> , I want to set the project's deadline.
US42	Budget	Low	As a <u>Project</u> <i>Coordinator</i> , I want to set the project's budget.
US43	Team	High	As a <u>Project</u> <i>Coordinator</i> , I want to select a set of common users to work on the project I created.
US44	Meeting	High	As a <u>Project</u> <i>Coordinator</i> , I want to schedule meetings with the team (that can be seen in the calendar).

US45	Approve	High	As a Project Coordinator, I want to approve the creation and closing of tasks suggested by a common user that works on the project.
US46	Task deadline	High	As a Project Coordinator, I want to set the task's deadline.
US47	Delete task	High	As a Project Coordinator, I want to delete a task.
US48	Archive task	High	As a Project Coordinator, I want to archive a task.
US49	Assign task	Medium	As a Project Coordinator, I want to assign a task to a worker (either add him as responsible for the task along with the previous worker or replace them).
US48	Create department	Medium	As a Project Coordinator, I want to create departments for my project, where only some members (the ones I add) have access to it. This works as a sub-project, so, tasks and meetings can be created, etc.
US49	Privacy	High	As a Project Coordinator, I want to set/change the privacy of the project.

Administrator

Identifier	Name	Priority	Description
US51	Accept user	High	As an <i>Administrator</i> , I want to accept the registration of a new user.
US52	All project list	High	As an Administrator, I want to have access to the list of all projects that have been created in the system.
US53	User list	High	As an Administrator, I want to have access to the list of all current users registered on the system.
US54	Delete project	Low	As an Administrator, I want to delete a project. The deleted project is archived (can be seen but not modified).
US55	Ban user	Low	As an <i>Administrator</i> , I want to ban a user (eg: if he has inappropriate behaviour).
US53	Fix bug	High	As an Administrator, I can fix some bugs that the platform may face.
US54	Update	Medium	As an Administrator, I want to update the website by deleting/adding/changing some features.
US56	Customize	Low	As an <i>Administrator</i> of my company's platform, I want to be able to customize the platform according to my company's needs.

Annex: Supplementary requirements

Business rules

Identifier	Name	Description
BR01	Platform	Only a user with username/email with a certain domain can access a certain company's platform.
BR02	Meeting's date	The date of each meeting scheduled by the coordinated must be greater than the date of creation of the project and minor than the project's deadline.
BR03	Task's deadline	The deadline of a task must be greater that the date of creation of the task and minor than the project's deadline.

Technical requirements

Identifier	Name	Description
TR01	Availability	The system must be available 99% of the time in each 24h period.
TR02	Accessibility	The system must be accessible to everyone.
TR03	Usability	The system should have an intuitive interface and be easy to use.
TR04	Performance	The system should respond within 2s.
TR05	Web Application	The system should be implemented as a Web application with dynamic pages.
TR06	Portability	The server-side system should work across multiple platforms.
TR06	Database	PostgreSQL database management system should be used.
TR07	Security	The system should protect information from unauthorised access by using na authentication system.
TR08	Robustness	The system must be prepared to handle and continue operating when runtime errors occur
TR09	Scalability	The system must be prepared to deal with the growth in the number of users and their actions
TR10	Ethics	The system must respect the ethical principles in software development.

Restrictions

Identifier	Name	Description
BR01	Deadline	The system should be ready to be used by the end of may.

Changes made to the first submission:

1. Added short description of the artifact;
2. Changed actors diagram to one without colors;
3. Changed some actor's name (registred user to authenticated user, common user to project worker and coordinator to project coordinator);
4. Added user stories US27 and US28 for authenticated user;
5. Added user story US29 for project coordinator;
6. Added user stories US52, US53 and US54 for administrator.

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