

Distributed Outsourced Software Engineering (DOSE)

Requirements consolidation

Group: Group5

Requirements team: PUCRS3

Developers teams: Milan1, Rio Cuarto5

Deadline: 31 October 2014, 23:00 CET

Removed requirements

RP 010

Joined with [RP 009](#).

RP 016

Duplicate of [RP 015](#).

RP 018

It is already considered in [RP 007](#). If we want to make an accent on this requirement, we should clarify it in [RP 007](#).

RP 020

It is already considered in [RP 007](#). If we want to make an accent on this requirement, we should clarify it in [RP 007](#).

RP 021

It is already considered in [RP 007](#). If we want to make an accent on this requirement, we should clarify it in [RP 007](#).

RP 022

Duplicate of [RP 007](#).

RP 023

Joined with [RP 007](#).

Modified requirements

[RP 001](#), [RP 002](#), [RP 003](#), [RP 004](#), [RP 005](#), [RP 006](#), [RP 007](#), [RP 008](#), [RP 009](#), [RP 011](#), [RP 012](#), [RP 013](#), [RP 014](#), [RP 017](#), [RP 019](#), [RP 024](#), [RP 025](#), [RP 026](#), [RP 027](#), [RP 028](#)

New requirements

There are no new requirements

Modifications

Requirement ID	RP 001
Title	The user should create an account as “developer” Users can register themselves
Description	As a generic user, they could be able to access the “Login” page and click on the “Create your Account” button, filling a form with basic information. Since the system is an enterprise version, every created user will be a part of the organization. Generic users are able to access the login page and create their own account filling the registration form.
Priority	Priority 1 - Mandatory
Risk	<ul style="list-style-type: none">• This requirement’s risk is CRITICAL for the system. Every user needs to have an account to access the information of the projects of the organization.

Requirement ID	RP 002
Title	The user should log in into the system Users can log into the system
Description	As a signed user, he should be able to access their user dashboard just entering his user (email based) and password. Registered users are able to log into the system by providing their email and password.
Priority	Priority 1 - Mandatory
Risk	<ul style="list-style-type: none">• This requirement’s risk is CRITICAL for the system. Every user needs to have an account to access the information of the projects of the organization.

Requirement ID	RP 003
Title	The user should recover his password Users can recover their password

Description	<p>If a user forget his user or password, he should be able to recover his user (email) or password by clicking a button called "Forgot your login?". The system will send a message to the admin users to help the users to recover their informations.</p> <p>If a user forgot his password, he is able to recover it, by filling the field with his email. This email will be automatically send to admin user and admin user will manually solve this problem.</p>
Priority	<p>Priority 1 – Mandatory</p> <p>Priority 2 – Nice to have</p>
Risk	<ul style="list-style-type: none"> This requirement's risk is HIGH for the system. The functionality is very important for the user, but not mandatory. This requirement's risk is MEDIUM for the system.

Requirement ID	RP 004
Title	<p>The system must show the user activities and tasks</p> <p>Users can list their tasks in their user dashboard page</p>
Description	<p>Once signed, a user will see her user dashboard. In this interface she will see an overview of the tasks for each project that she is assigned. Each of the tasks will be shown in the following subsections:</p> <p>DOING "Doing" – showing the tasks that the user is assigned and are still in the doing swim lane of the projects;</p> <p>TO DO "To Do" – showing the tasks that the user is assigned and are still in the todo swim lane of the projects.</p> <p>Also, the system will show some basic statistics of the projects, like:</p> <p>Total Active Projects, Tasks that were finished in the the last week; Tasks that were finished today; Tasks that have status "Stopped" impediments. (for list of statuses see the RP 017)</p>
Priority	Priority 1 - Mandatory
Risk	<ul style="list-style-type: none"> This requirement's risk is CRITICAL for the system. Every user needs to have an account to access the information of the projects of the organization.

Requirement ID	RP 005
Title	<p>The system must show the user profile summary</p> <p>Users can see basic registration information on all the system screens</p>

Description	Once a user signs in, she will be able to see her username on the top of the system, also showing her last login date.
Priority	Priority 2 – Nice to Have
Risk	<ul style="list-style-type: none"> This requirement's risk is LOW for the system. This kind of information is good to have, but not so important.

Requirement ID	RP 006
Title	The user should access the project dashboard of the tasks visible in his user dashboard Users can access the project dashboard of the tasks visible in their user dashboard
Description	As a signed user, he will see all the tasks that he is assigned in his user dashboard. It's important that he can access the respective project dashboard only by clicking the respective link on each tasks, called "View Project". For each task in the user dashboard, a signed user can navigate to the related project dashboard.
Priority	Priority 1 - Mandatory
Risk	<ul style="list-style-type: none"> This requirement's risk is CRITICAL for the system. Every user needs to have an account to access the information of the projects of the organization.

Requirement ID	RP 007
Title	The user should access the task administration screen of each task in his user dashboard Users can edit and delete any task
Description	As a signed user, he will see all the tasks that he is assigned in his user dashboard. It's important that he can administrate the respective tasks only by clicking the respective link on each task, called "Edit". A signed users will see all the tasks that he is assigned in his user dashboard, and he is able to edit them on the corresponding page. Moreover in the project dashboard she can edit tasks assigned to another user (also on the corresponding page). (for list of attributes see RP 017)
Priority	Priority 1 - Mandatory

Risk	<ul style="list-style-type: none"> This requirement's risk is CRITICAL for the system. Every user needs to have an account to access the information of the projects of the organization.
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Requirement ID	RP 008
Title	The admin user can create any user
Description	<p>Only the admin user can access this section. The admin user can create an user by clicking the "Create user" button. The form shown will have the following information: Name, email, password, confirm password, avatar picture. Only the admin user can access user management section. The admin user can create users in the user management section by filling the same form as users filled during registration. (RP 001)</p>
Priority	Priority 1 – Mandatory Priority 2 – Nice to have
Risk	<ul style="list-style-type: none"> This requirement's risk is CRITICAL MEDIUM for the system.

Requirement ID	RP 009
Title	The admin user can edit and delete any user
Description	<p>Only the admin user can access this section. The admin user can edit an user by clicking the "Edit user" button. The form shown will have the following information: Name, email, password, confirm password, avatar picture. The admin user is able to access the user management section, where she can access any user profile, edit information or delete the account.</p>
Priority	Priority 1 – Mandatory Priority 2 - Nice to have
Risk	<ul style="list-style-type: none"> This requirement's risk is CRITICAL HIGH for the system. Otherwise admin must edit and delete users through SQL on the server.

Requirement ID	RP 011
Title	A user should change his avatar photo Users can change their avatar photo in the profile section
Description	A user can be able to change his profile picture, by clicking on “Edit Profile” and uploading an image with at least 100 pixels of size, in each side. Users are able to change their profile picture. Uploaded pictures must be at least 100 pixels of size and have a size less than 3MB.
Priority	Priority 2 – Nice to Have Priority 3 - Optional features
Risk	<ul style="list-style-type: none"> This requirement’s risk is LOW for the system.

Requirement ID	RP 012
Title	A user should change his personal information Users can edit their profile information
Description	A user can be able to change his information by clicking on “Edit Profile” and editing the forms that the system present: name, email, password, confirm password. Users are able to change their registration information in the profile. The basic information is “name”, “email”, “password”.
Priority	Priority 1 – Mandatory
Risk	<ul style="list-style-type: none"> This requirement’s risk is CRITICAL for the system.

Requirement ID	RP 013
Title	The system must list the existing projects Users can list all the projects in the system on the projects page.
Description	By clicking on the “Projects” option, the system will list all the projects that are created, listed as “In progress” and as “Finished”. The projects will have the following information: Name, client and a button to view the project dashboard.

	Users are able to get a list of all projects with the basic information (the project name, the client name, the creator user, the deadline date) by visiting the projects page. User are able to navigate to the project dashboard of each project.
Priority	Priority 1 – Mandatory
Risk	<ul style="list-style-type: none"> This requirement's risk is CRITICAL for the system.

Requirement ID	RP 014
Title	A user should be able to create a new project Users can create new projects
Description	By clicking on the “New Project” button, the system will show a form with the information of the new project. The following information will be required: Name, client, deadline date, and the user that created the project will have the power to delete the project. A user is able to create a new project, by submitting the following information: project name, client name, creator user and deadline date. Only the creator user and admin are able to delete and edit this project.
Priority	Priority 1 – Mandatory
Risk	<ul style="list-style-type: none"> This requirement's risk is CRITICAL for the system.

Requirement ID	RP 015
Title	A user should be able to view the project dashboard Users can view the project dashboard
Description	By clicking on the “view” button, of the listed projects, a user will be able to see the project dashboard with all the information of the system. The project dashboard is similar to the agile scrum dashboard, with the following structure of swimlanes: “Backlog” contains all the tasks with the status “Created”. (for list of statuses see RP 017) “To Do” contains all the tasks with the status “Planned”. “Doing” contains all the tasks with the status “In progress”. “Done” contains all the tasks with the status “Finished”. A task in any state can be without assigned user.

Priority	Priority 1 – Mandatory
Risk	<ul style="list-style-type: none"> This requirement's risk is CRITICAL for the system.

Requirement ID	RP 017
Title	<p>A user should create a new task</p> <p>Users can create tasks in projects</p>
Description	<p>When a user click on the “New task” button, the system will present a popup screen with a form about the task. The information required will be:</p> <p>Task title (name of the task), assigned to (the developer that is assigned to the task), estimation (a number that will represent the effort estimation of the task — could be points, hours, etc), deadline (the date of the deadline), status (to inform the status of the task — see RP-019) and commentaries (every user can comment the task).</p> <p>Any signed user is able to create tasks in every project by providing basic project attributes:</p> <ul style="list-style-type: none"> - task title - assigned user (optional) - estimation time (a number that will represent the effort estimation of the task – could be points, hours, etc, optional) - deadline date (optional) - priority - status - description (optional) <p>The priorities are:</p> <ul style="list-style-type: none"> - Low (nice to have task, it is better to do it after all higher priority tasks are finished) - High - Critical (highest priority, it means the task blocks developer work or blocks the progress of other tasks) <p>The statuses are:</p> <ul style="list-style-type: none"> - Created (default, the task is in the “Backlog” swimlane) - In progress (the task is in the “Doing” swimlane) - Finished (the task is in the “Done” swimlane) - Stopped (the task have some impediments)
Priority	Priority 1 – Mandatory

Risk	<ul style="list-style-type: none"> This requirement's risk is CRITICAL for the system.
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Requirement ID	RP 019
Title	A user should comment in the tasks Users can comment on the tasks
Description	The main communication between users, in the system, will be by the commentaries in the tasks. The comments are very useful because each task will have a history of every commentary, so the users can discuss about them separately. Also, the comments are very useful when the task is marked as "Stopped", so everyone can see what impediment that is associated with the task. Any user is able to comment on any task of any project.
Priority	Priority 1 – Mandatory Priority 2 – Nice to have
Risk	<ul style="list-style-type: none"> This requirement's risk is CRITICAL for the system. This requirement's risk is MEDIUM for the system.

Requirement ID	RP 024
Title	A user should move the tasks between the swim lanes Users can move tasks between swimlanes
Description	The users can change the status of progression of the tasks by drag and drop the selected task between the swim lanes of the dashboard. User are able to change the swimlane of any tasks on the project dashboard. Moreover by editing the status of a task (RP 007), it is moved to the proper swimlane. (RP 015). If the task does not have any assigned user, it can not be moved to "Doing" swimlane, neither its status can be changed to "In progress".
Priority	Priority 1 – Mandatory
Risk	<ul style="list-style-type: none"> This requirement's risk is CRITICAL for the system.

Requirement ID	RP 025
Title	A user should be able to edit and update the project information The admin and user creator can edit the project information
Description	The users can edit the information of the active project by clicking on the "Info" button, in the side of the name of the project. Only the user who created the project and admin are able to edit the project information on the corresponding page. (for project attributes see RP 014)
Priority	Priority 2 – Nice to have
Risk	<ul style="list-style-type: none"> • This requirement's risk is MEDIUM for the system.

Requirement ID	RP 026
Title	The system must show the statistics of the active project Users can see the project statistics on the project dashboard
Description	When in the project dashboard, the system must show the statistics of the project, below the dashboard screen. These statistics will be some graphs and information like: Total tasks, total finished tasks, number of users associated to the project, burndown chart, etc. Any user is able to see the project statistics of any project on the project dashboard page. The statistics are: total number of tasks in the project, number of finished tasks, number of stopped tasks, number of users associated to the tasks in the project.
Priority	Priority 2 – Nice to have
Risk	<ul style="list-style-type: none"> • This requirement's risk is MEDIUM for the system.

Requirement ID	RP 027
Title	The system must show important information of each task Users can see the basic task attributes in the project dashboard and user dashboard

Description	<p>Each task will have a template that will be shown in its body.</p> <p>Here's the template for it:</p> <p>Label (for the colors that represent the status of the task)</p> <p>Task name</p> <p>Number of comments</p> <p>Deadline date</p> <p>User associated</p> <p>Each task will have a template that will be shown in its body.</p> <p>Attributes are:</p> <ul style="list-style-type: none"> - label (for the colors that represent the priority of the task) - task title - number of comments - deadline date (optional) - user associated (optional)
Priority	Priority 1 – Mandatory
Risk	<ul style="list-style-type: none"> • This requirement's risk is CRITICAL for the system.

Requirement ID	RP 028
Title	<p>A user should log off anytime</p> <p>Users can log out</p>
Description	<p>The user must have the option to log off from the system anytime in the system.</p> <p>Any signed user is able to log out from the system.</p>
Priority	Priority 1 – Mandatory
Risk	<ul style="list-style-type: none"> • This requirement's risk is CRITICAL for the system.