

# Functional requirements

## NO ROLE

A person who has not logged in to the system.

He should be able to:

- ☒ **NR1.** Log in by either providing username and password to the app or via Google.
- ☒ **NR2.** Register by either filling the form in the app (Form fields: first name, last name, username, email, password, repeat password) or via Google.
- ☒ **NR3.** See front page.

## USER

A person who has logged in to the system but has no other roles granted.

He should be able to:

- ☒ **USR1.** See a list of projects which team he is a part of.
- ☐ **USR2.** Accept an invitation to join a project's team.
- ☒ **USR3.** Create a new project (form fields: name, description). After creation a new role should be granted to the creator for that specific project (PROJECTADMIN role).
- ☒ **USR4.** See a list of all stories and tasks created for the project which team he is a part of.
- ☒ **USR5.** Assign a team member to a story or a task for the project which team he is a part of.
- ☐ **USR6.** Change the status of the ticket he is assigned to.
- ☐ **USR7.** Comment any story or task created for the project which team he is a part of. He should also be able to delete or edit the comment he posted. It should be possible to tag a team member in the comment by writing "@" and team member's full name. Once a user has written "@", team members' names should be suggested in a list.
- ☐ **USR8.** Attach a document to any story or task created for the project which team he is a part of. He should also be able to remove the document he attached. Possible document types: doc(x), xls(x), ppt(x), jpg, png, pdf.
- ☐ **USR9.** See a kanban (note: described at the end of the document) of the project which team he is a part of.
- ☐ **USR10.** Receive an email and/or an in-app notification when:
  - ☐ 8.1. Someone changes the status of the story or task he is assigned to;
  - ☐ 8.2. Someone writes a comment to the story or task he is assigned to;
  - ☐ 8.3. Someone attaches a document to the story or task he is assigned to;
  - ☐ 8.4. Someone assigns him to a story or a task;
- ☐ **USR11.** Configure notifications to receive emails and/or in-app notifications. It should be possible to disable all

notifications and enable all notifications with one click or configure them one by one.

- ☐ **USR12.** Have access to user settings where he can change his avatar, password and email.
- ☒ **USR13.** Logout.

### TASKCREATOR

A person who also has these roles: USER.

He should also be able to:

- ☐ **TC1.** Create a task (form fields: name, description, status, assignee) for a project for which he was granted this role. A task can be either a child of a story or a standalone. He should also be able to delete it.
- ☐ **TC2.** Change the status of a task he created.
- ☐ **TC3.** Receive an email and/or an in-app notification when:
  - ☐ 3.1. Someone changes the status of the task he created;
  - ☐ 3.2. Someone writes a comment to the task he created;
  - ☐ 3.3. Someone attaches a document to the task he created;

### STORIESCREATOR

A person who also has these roles: USER, TASKCREATOR.

He should also be able to:

- ☒ **TC1.** Create a story (form fields: name, description, status assignee) for a project for which he was granted this role. He should also be able to delete it (**currently cannot delete**).
- ☐ **TC2.** Change the status of a story he created.
- ☐ **TC3.** Receive an email and/or an in-app notification when:
  - ☐ 3.1. Someone changes the status of the story he created or the child task of that story;
  - ☐ 3.2. Someone writes a comment to the story he created or the child task of that story;
  - ☐ 3.3. Someone attaches a document to the story he created or the child task of that story;

### TEAMADMIN

A person who also has these roles: USER.

He should also be able to:

- ☐ **TA1.** Send an invite for a user to join the team of the project for which he is granted this role.
- ☐ **TA2.** Remove team members from the team of the project for which he is granted this role.

### PROJECTADMIN

A person who also has these roles: USER, TASKCREATOR, PROJECTCREATOR, TEAMADMIN.

Should be able to:

- ☒ **PA1.** Set which team members can create stories and tasks for the project.
- ☒ **PA2.** Set which team members can add or remove users from the project team.
- ☒ **PA3.** Create or delete statuses available for stories. (CURRENTLY NOT IMPLEMENTED If deleted status was associated with some stories, a message should be shown to user to pick an option: cancel status deletion, delete stories or set their status to a selected one)
- ☒ **PA4.** Create or delete statuses available for tasks. (CURRENTLY NOT IMPLEMENTED If deleted status was associated with some stories, a message should be shown to user to pick an option: cancel status deletion, delete stories or set their status to a selected one)
- ☐ **PA5.** Delete a project.

## Appendix

Kanban

\*To be described\*