# Bug Tracker User Guide

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## 1 Introduction

Only some basic information is needed for signing up such as a user-name an email address a password and the type of the account. Depending on the type of the account the user can do different things and so reading at least the next section from this document is recommended.

The main interest in the application are the issues which are described by a Title, Priority (possible values: low, medium, high), Status (possible values: Waiting, In Progress, Completed, Abandoned) and Details (text that can be anything)

## 2 General Rules for project administration

Manager type accounts can create new projects or delete inactive ones they also can create issues.

Developers can join existing projects and create issues.

A project's issues is shown in a table of 5 columns: Backlog, To Do, In Progress, Testing, Completed. Depending on the issues place and type of the users account different options will appear.

Project managers can move and update the issues like:

- From Backlog to To Do and vice versa.
- From In Progress and Testing to Completed with the status being either Completed or Abandoned.

Developers can update issues like:

- From To Do to In Progress and from there to Testing, when an issues is updated from To Do its status changes from Waiting to In Progress.

An important thing to note is that in order to move an issue from the Backlog all the way to Completed there needs to be at least one developer in the project.

Issues that are not with the status Completed or Abandoned can be edited. Developers can only edit and delete issues that they create or are currently developing, project managers have no such restrictions.

## 3 Project Manager Perspective

After the user has logged in, a page called Projects may be accessed.

In the Projects page there is a button for project creation, once inputting a name it will be created and it will have only some empty tables by default. Projects that already exist and belong to the user will also be displayed here.

Once a project is selected the table with the issues will appear along with some options for the project.

The + icon can be used to create new issues by filling a form. Once an issue is created and selected some other options will appear beneath the table.

Below there are two more options:

- If there are no active issues the Delete Project option will delete the project along with the issues and will reset the developers that joined.
- Display Project Join Code (self explanatory)

Below is the condition for the option to appear, the option names and what they do:

- If Issue is selected then the option **View Issue Info** displays by default the title, status, details, etc. about the issue.
- Selected Issue is not in the Completed column, the option **Edit Issue** appears and by selecting it the user can edit the title, priority and details of the selected issue.
- Selected Issue is in Backlog, the options **Delete Issue** (self explanatory) and Move Issue appears and by further selecting Yes the selected issue is moved to the To Do column.
- Selected Issue is in To Do, the option Postpone Issue appears and by further selecting yes the selected issue is moved to the Backlog column.
- Selected Issue is in the 'In Progress' column or in 'Testing', the Abandon and Mark as Completed options appear and by confirming the selected issue is moved to the Completed column and has its status updated to either Completed or Abandoned.

# 4 Developer perspective

After the user has logged in, a page called Projects may be accessed.

In the Projects page there is a button for joining a project, once inputting a the project code the user will be able to access it. Projects that the user joined already will also be displayed here.

Once a project is selected the table with the issues will appear along with some options for the project.

The + icon can be used to create new issues by filling a form.

The developer has access to the options marked in bold in the previous section, The Common Options.

Aside from the common options there are additional with their own condition to appear, names and function.

- Selected issue is in the 'To Do' or 'In Progress' columns the Update Status option appears, that can move the selected issue to the right.