

ECSE365L – Agile Software Development

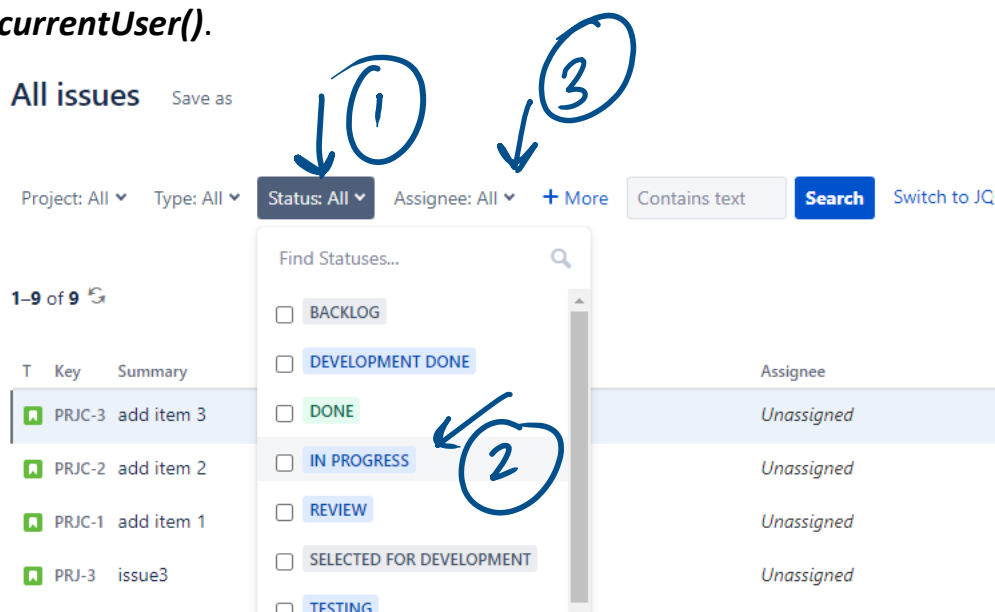
Lab 09 – Filters in JIRA

NOTE: Add the faculty as your team member in your project

The instructions are based on the previous lab tasks.

Create a starred filter

1. In basic or JQL search, create and execute a query that searches for all issues with a **statusCategory** of **In Progress** that are assigned to the **currentUser()**.



- If the search returns no issues, you may want to move an issue to the **In Progress** or **Review** column in **lab05** project and assign yourself to the issue.

2. Click the **Save as** link to save the query as a filter. Name the filter **My in progress**.

All issues — Edited Save as ▾

Project: All ▾ Type: All ▾ In Progress ▾ Current User ▾ + More C

1-1 of 1

T	Key	Summary
	PROJ-1	WI1

Save Filter

Filter Name*
My in progress

Enter a name for this Filter

Submit Cancel

After you create the filter, it should show under the **Starred** category in the sidebar. You may need to refresh your browser to see it.

- In **Filters** click the **View all filters** tab. This tab is at the bottom of the sidebar. You should see your **My in progress** filter in the list of filters.

Filters

Owner

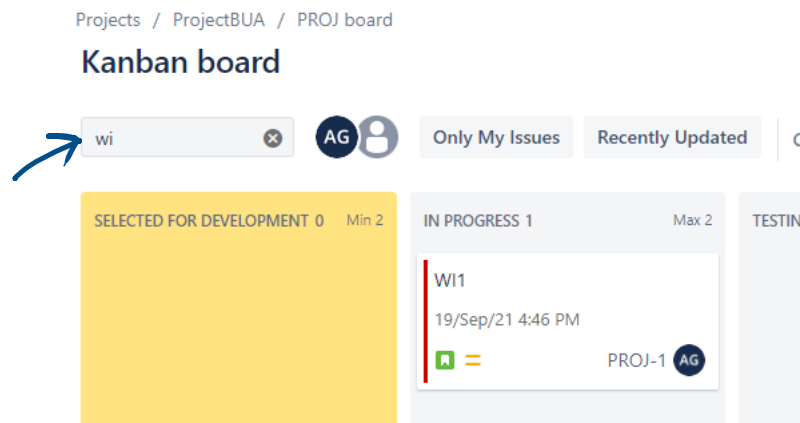
★ Name

- Filter for PRJ board
- Filter for PRJC board
- Filter for PROJ board
- ★ My in progress

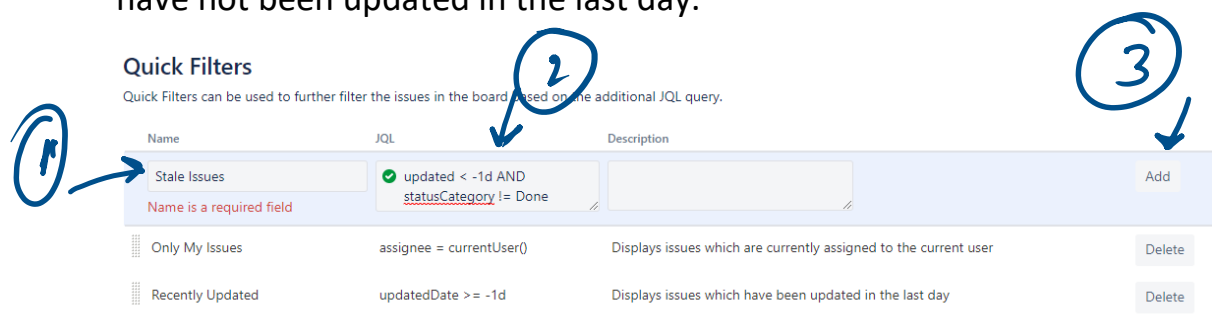
- Click on the more (...) icon to the right of your new filter and select **Edit**. View and change any of the metadata details if you would like.
- Execute the filter by clicking on it. Change the query slightly (for example, swap the order of the fields) and re-save the filter.

Explore and create quick filters

1. View your **lab05** project classic kanban board → Enter some text in the text search box below the board name to show only issues containing that text.



2. Clear the search text and click on your user icon at the top to view only your issues.
3. Click on your user icon to clear the user filter and use the **quick filters** to the right of the user icons to change the issues viewed on the board.
4. Navigate to board settings and view the quick filters for the board (under the **Quick Filters** tab).
5. Add a quick filter named **Stale Issues** that displays non-done issues that have not been updated in the last day.

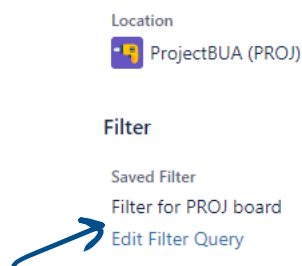


- Hint: **updated < -1d AND statusCategory != Done.**
- It is a good practice to test your JQL in advanced/JQL search before placing it in a user interface element that expects JQL.

6. Verify that your quick filter is working by navigating back to the board and clicking on **Stale Issues**. You may need to change the query and/or issues' status to see results.
7. Experiment with creating other quick filters.

Explore existing board filters

1. Navigate to the kanban board for **lab05** project → In the board's settings, navigate to the **General** tab.
2. Under the **Filter** heading, view the name of the filter used as the board's filter. View the associated **Filter Query**, also under the **Filter** heading.
3. Click **Edit Filter Query** → You will be brought to **Filters** with the board's filter executed.



- These are the issues that appear on the board.

4. Under **Filters**, scroll down and click **View all filters**.

- Notice that the board's filter is a standard filter. Also notice that it is not starred. This is because board filters are usually not useful as standalone queries.

Create a board

1. Create a board's filter using the steps below. This board will be used to show all issues that are in **lab05** project.

- Navigate to **View all filters**.
- Copy the board's filter for **lab05** project by selecting its More icon (...) and selecting **Copy filter**.
- Name the filter **Projects A and B**.

Copy filter Filter for PROJ board

Name* Projects A and B

Description

Viewers

Project Project Add

ProjectBUA, All roles

Copy Cancel

We will use this filter as a starting point for our new board's filter.

- Using JQL search, modify and save the query so that it meets the requirements described above.
- Reuse the **ORDER BY** clause from the board filter for **lab05** project.

Hint: Here is a query that would work: **project in (ProjectBUA, ProjectBUB) ORDER BY Rank ASC.**

Projects A and B — Edited Save Details

✓ project in (ProjectBUA, ProjectBUB) ORDER BY Rank ASC

1-6 of 6

T	Key	Summary
PROJ-1	W11	
PROJ-2	W12	
PROJ-3	W13	
PRJ-2	issue2	
PRJ-1	Issue1	
PRJ-3	issue3	

2. Create a board in your profile:

- From your **lab05** project, click the **board** dropdown under the project name in the sidebar
- Click **Create board** → Click **Create a Kanban board**.

Notice that you could create a new board with sample data. This will create a new project in your account. This is good for looking at reports with more realistic data than what we have seen in this course.)

ProjectBUA
Software project

PROJ board
Board

BOARDS IN PROJECTBUA

- PROJ board

OTHER BOARDS VIEW ALL

- PRJC board in ProjC
- PRJ board in ProjectBUB
- TES board

+ Create board

Projects / ProjectBUA / PROJ board

Kanban board

SEARCH AG

SELECTED FOR DEVELOPMENT 0 Min 2

- In **Create a board** → select **Board from an existing Saved Filter** → Click **Next**.
- In **Name this board**, name the board **Projects BUA and BUB** and select your **Projects A and B** saved filter. Set the location to your profile (under **Personal**).

The screenshot shows the 'Create a board' form with the following fields and annotations:

- Name this board**:
 - Board name***: Projects BUA and BUB (Annotation 1 points to this field)
 - Saved filter***: Projects A and B (Annotation 2 points to this dropdown)
- Shares**: No shares
- Owner**: (empty)
- Location***: AG (Annotation 3 points to this dropdown)

Below the Location field, it says: "Select a Software project or your own profile as the place where this board will live".

On the right, there is a **Saved Filters** section with the text: "Choose from a list of existing filters as a base for your new board. To create a new Saved Filter, save a search in the Issue Navigator." (Annotation 4 points to this section).

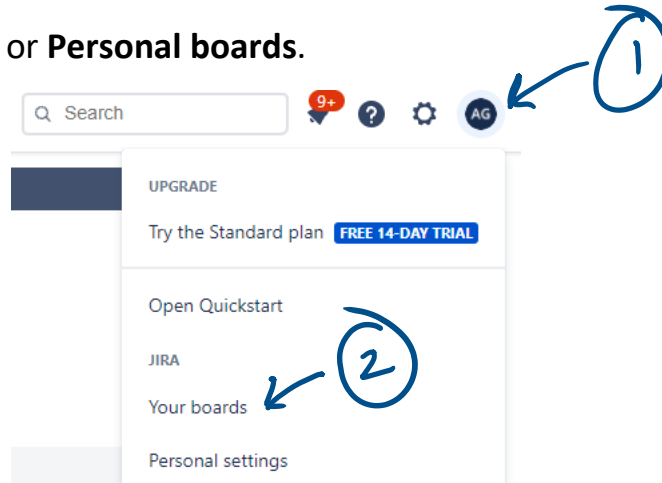
At the bottom right, there are three buttons: **Back**, **Create board** (highlighted in blue), and **Cancel**.

- Click **Create board**. You should see your new board. You can also find the board using the **VIEW ALL** link that you saw when creating the board.
3. View the board's settings and verify that the filter that you created above is being used as the board's filter.
 4. Configure the board's columns.
 - Click the **Columns** tab in the board's settings.

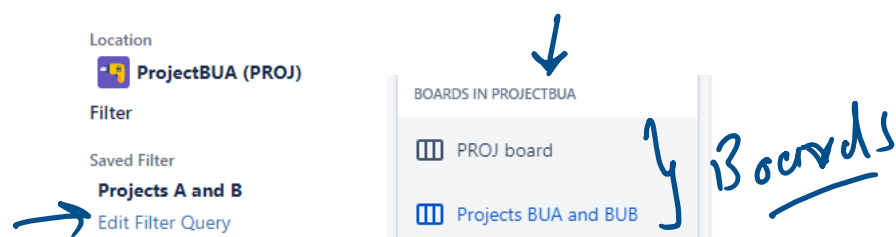
Notice that the columns of the board are the same names as the three **statusCategory** values (To Do, In Progress, Done). The statuses in each column are arranged by **statusCategory**.

Notice that multiple statuses are included in a single board column. If you would like, you could create a Review column on the board and move the Review status to that column. You could also do this for other statuses.

5. View your new board and verify that it looks and behaves as expected.
You should see issues from both of your projects.
6. Verify that your board is accessible in your profile. Click your user icon and select **Your boards** or **Personal boards**.



7. Change the board's location to the **lab05** project. You can change this under the **General** tab for the board's settings (under Location).



Verify that **lab05** project now has two boards. Use the board switcher dropdown in the upper left to switch between boards.

Submit an MS Word file that contains your both the boards from Lab05 as your assignment on LMS.

Ref: Altassian