

BLG 411E
Software
Engineering

Recitation 1

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User story

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References

BLG 411E – Software Engineering

Recitation Session 1

JIRA

Bilge Süheyla Akkoca, Müge Erel Özçevik, Beyza Eken

10.10.2017

1 Terminology

- User story
- Epic
- Sprint

2 JIRA

- Demo
 - Creating a project
 - Project Settings
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 - Quick Filters
 - Adding Issue
 - Adding Epic
 - Creating Sprint

3 References

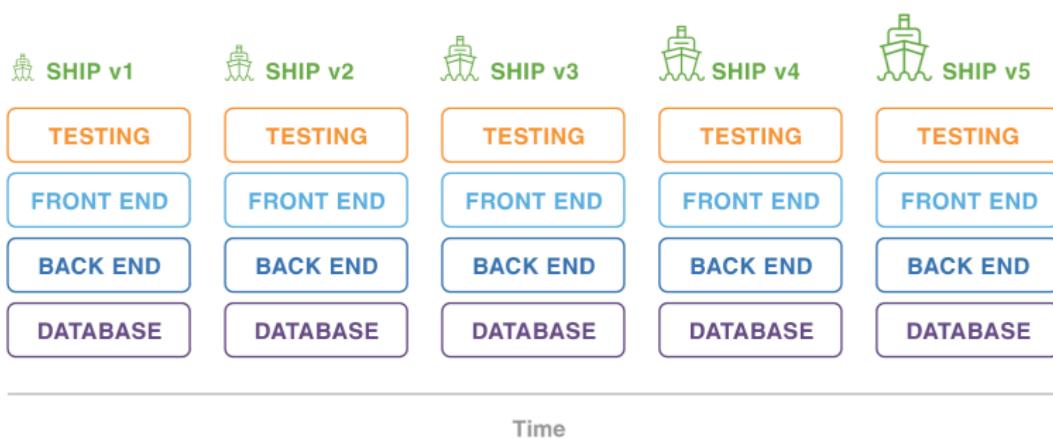
■ Waterfall

- Built in phases
- One "big bang" release (high risk)
- Hard to revisit previous phases
- Critical paths and blocking issues



Agile

- Iterative approach with feedbacks
- Multiple releases
- Quickly adapt new requirements
- Can be productive in other areas in case of blocks



- Most granular (smallest) unit of work
- Delivers a particular value back to the customer
- As a <type of user>, I want <goal> so that I <receive benefit>
- Similar to feature but from the perspective of the **user** not the **software**

Feature It is possible to create account and list previous purchases of the account owner.

User story As a customer, I want to be able to create an account so that I can see the purchases I made in the last year to help me budget for next year.

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- A larger body of work
- Very global and not very well defined functionality
- Includes many user stories
- Stories may be added or removed during development
- Delivered over multiple sprints
 - A sprint may contain several user stories

Epic Account management

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- A fixed time period (few weeks) in which several user stories will be completed
- Stories do not change during a sprint
- At the end, a working software is delivered (potentially shippable increment)

Features

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References

Plan Create user stories and issues, plan sprints, and distribute tasks across software team

Track Prioritize and discuss work

Release Ship work

Report Real-time, visual data

Creating a project

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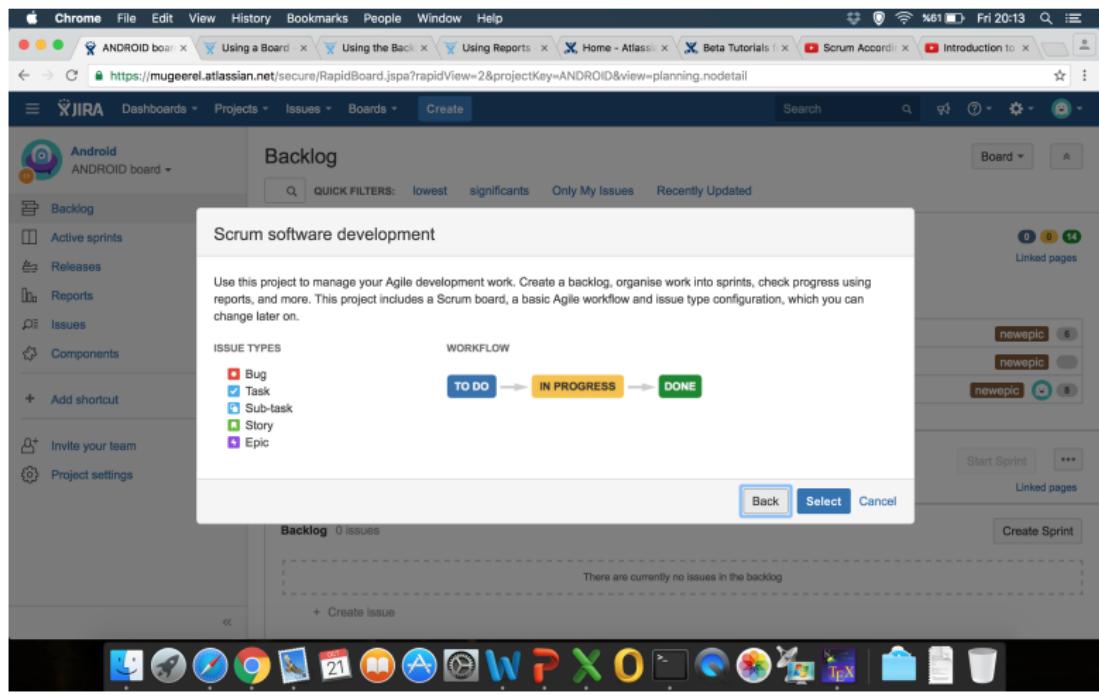
References

- Project key (default 3 characters)
- One project leader

The screenshot shows the JIRA 'Create project' dialog box. On the left, there's a sidebar with project navigation links like 'Backlog', 'Active sprints', 'Releases', 'Reports', 'Issues', 'Components', 'Add shortcut', 'Invite your team', and 'Project settings'. The main area is titled 'Create project' and contains several project template cards:

- Scrum software development**: Agile development with a board, sprints and stories. Connects with source and build tools.
- Kanban software development**: Optimise development flow with a board. Connects with source and build tools.
- Basic software development**: Track development tasks and bugs. Connects with source and build tools.
- Basic Service Desk**: Help your service team solve tickets faster. Prioritize, track, and make customers happy.
- IT Service Desk**: Service management out of the box. Incidents, service requests, and more.
- Project management**: Plan, track and report on all of your work within a project.
- Task management**: Quickly organize and assign simple tasks for you and your team.

At the bottom of the dialog, there are buttons for 'Import a project', 'Create with shared configuration', 'Create sample data', 'Next', and 'Cancel'. Below the dialog, a dock bar contains icons for various applications like Finder, Mail, Safari, Google Chrome, Calendar, Books, App Store, and others.



Creating a project

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The screenshot shows a web browser window for JIRA. The address bar indicates the URL is <https://mugeerel.atlassian.net/secure/RapidBoard.jspa?rapidView=2&projectKey=ANDROID&view=planning.nodetail>. The page title is "Backlog". On the left, there's a sidebar for the "ANDROID board" with options like Backlog, Active sprints, Releases, Reports, Issues, Components, Add shortcut, Invite your team, and Project settings. The main content area has a heading "Scrum software development". It contains fields for "Name" (set to "Demo"), "Key" (set to "DEMO"), and "Project lead" (set to "muge ozcevik [Administrator]"). Below these, there's a section for "Create a linked:" with a checkbox for "Confluence space". At the bottom right of the content area are "Back", "Submit", and "Cancel" buttons. A message at the bottom says "There are currently no issues in the backlog". The bottom of the screen shows a Mac OS X dock with various application icons.

Creating a project

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The screenshot shows the JIRA software interface on a Mac OS X desktop. The window title is "Backlog". The left sidebar lists project management options: Demo (selected), Backlog, Active sprints, Releases, Reports, Issues (selected), Components, Add shortcut, Invite your team, and Project settings. The main area displays a large circular placeholder icon with two user avatars, accompanied by the text "FILL YOUR BACKLOG WITH ISSUES" and "This is your team backlog. Create and estimate new issues, and prioritize the backlog using drag and drop." Below this, a section titled "Backlog 0 issues" contains a dropdown menu labeled "What needs to be done?" with the option "New Story in Backlog". A "Create Sprint" button is located in the top right corner of this section. The bottom of the screen shows the Mac OS X dock with various application icons.

Project Settings

User Roles

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The screenshot shows the Jira Project Settings page for the 'Demo' project. The left sidebar lists various project management options like Backlog, Active sprints, Releases, Reports, Issues, Components, and Project settings. The 'Project settings' option is currently selected. The main content area is titled 'Project settings' and contains sections for 'Users and roles' and 'Users by role'. In the 'Users and roles' section, it shows the 'Project lead' as 'muge ozcevik [Administrator]' and the 'Default Assignee' as 'Unassigned'. Below this, there's a table for 'Users by role' with columns for Name, License, Username, Email address, and Last session. Two users are listed: 'jira-administrators' (Admin) and 'beyza_eken' (Service Desk, So...). The browser address bar shows the URL: <https://mugeerel.atlassian.net/plugins/servlet/project-config/DEMO/roles>.

Workflow

Configuring Columns

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The screenshot shows the JIRA Backlog screen. On the left, there is a sidebar with the following items:

- Demo (selected)
- DEMO board
- Backlog (selected)
- Active sprints
- Releases
- Reports
- Issues (selected)
- Components
- + Add shortcut
- + Invite your team
- Project settings

In the center, the "Backlog" section displays the following:

- QUICK FILTERS: Only My Issues, Recently Updated
- FILL YOUR BACKLOG WITH ISSUES: A callout bubble with the text "This is your team backlog. Create and estimate new and prioritize the backlog using drag and drop."
- Backlog: 0 issues
- + Create issue

A context menu is open on the right side of the screen, listing the following options:

- Configure (selected)
- Copy
- Create board
- Show detail view
- Show versions panel
- Show epics panel
- Hide epic labels
- Print cards

The status bar at the bottom shows the URL <https://mugeerel.atlassian.net/secure/RapidBoard.jspa?projectKey=DEMO&rapidView=3&view=planning.nodetail>.

■ To do / In Progress / Done

Configure DEMO board

Column management

Columns can be added, removed, reordered and renamed. Columns are based upon global statuses and can be moved between columns. Minimum and maximum constraints can be set for each mapped column.

Column Constraint: None

Constraints can be added to columns on the board for one statistic.

Simplified Workflow: Using Simplified Workflow

The workflow for project Demo is currently managed by JIRA Software. Project Administrators can add and remove statuses below. [?](#)

Add status Add column

To Do	In Progress	Done	Unmapped Statuses
TO DO No issues <input type="button" value="Set resolution"/>	IN PROGRESS No issues <input type="button" value="Set resolution"/>	DONE No issues <input checked="" type="checkbox"/> Set resolution	

https://mugeerel.atlassian.net/secure/RapidView.jspa?rapidView=3&tab=columns

■ Adding new column

The screenshot shows a JIRA interface titled "Configure DEMO board". On the left, there is a sidebar with "CONFIGURATION" sections: General, Columns (selected), Swimlanes, Quick Filters, Card colors, Card layout, Simplified Workflow, Estimation, Working days, and Issue Detail View. The main area is titled "Column management" and contains a modal dialog titled "Add column". The dialog has fields for "Name:" (set to "QA") and "Category:" (set to "In Progress"). Below the dialog, there are three columns: "To Do", "In Progress", and "Done". Each column has a status bar at the bottom with "TO DO", "IN PROGRESS", and "DONE" buttons respectively. A "Unmapped Statuses" section is also visible. At the bottom, there is a dock with various application icons.

■ Adding new column

The screenshot shows the JIRA interface for configuring a board named 'DEMO'. On the left, there's a sidebar with navigation links for various JIRA features like Demo, Project Settings, and Workflow. The main area is titled 'Configure DEMO board'.

Column management: This section allows you to add, remove, reorder, and rename columns. It includes a 'Column Constraint' dropdown set to 'None' and a note about adding constraints to columns for one statistic. A 'Simplified Workflow' section indicates that the workflow for project 'Demo' is managed by JIRA Software, with a link to 'Using Simplified Workflow'.

Kanban Board: The board has five columns: 'To Do', 'In Progress', 'QA', 'CustomerAcc...', 'Done', and 'Unmapped St...'. Each column has a header bar with edit icons and a summary box below it. For example, the 'To Do' column has a summary box with 'TO DO' and 'No issues'.

Bottom Dock: A standard Mac OS X dock at the bottom of the screen contains icons for various applications like Finder, Mail, Safari, and others.

Quick Filters

Only my Issues / Recently Updated

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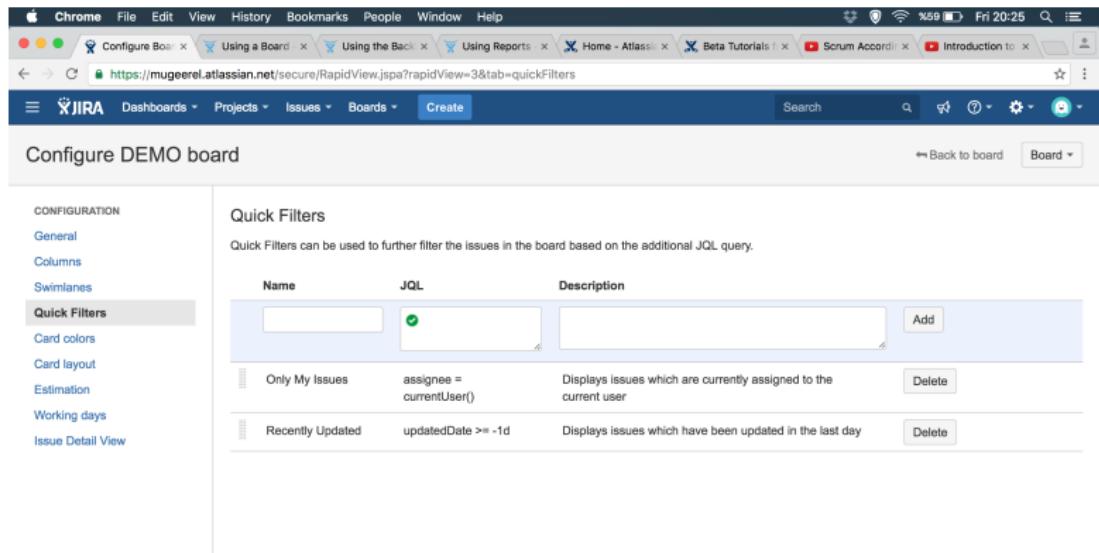
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■ JQL is JIRA Query Lang.



The screenshot shows a web browser window for JIRA. The URL is <https://mugeerel.atlassian.net/secure/RapidView.jspa?rapidView=3&tab=quickFilters>. The page title is "Configure DEMO board". On the left, there's a sidebar with "CONFIGURATION" and several options: General, Columns, Swimlanes, Quick Filters (which is selected and highlighted in grey), Card colors, Card layout, Estimation, Working days, and Issue Detail View. The main content area is titled "Quick Filters" and contains the following text: "Quick Filters can be used to further filter the issues in the board based on the additional JQL query." Below this is a table with three columns: Name, JQL, and Description. There are two rows in the table:

Name	JQL	Description
Only My Issues	assignee = currentUser()	Displays issues which are currently assigned to the current user
Recently Updated	updatedDate >= -1d	Displays issues which have been updated in the last day

At the bottom of the page, there are links for "Powered by Atlassian" and "Terms of use", along with icons for various Atlassian products like Confluence, Jira, and Bitbucket.

Quick Filters

Adding a quick filter

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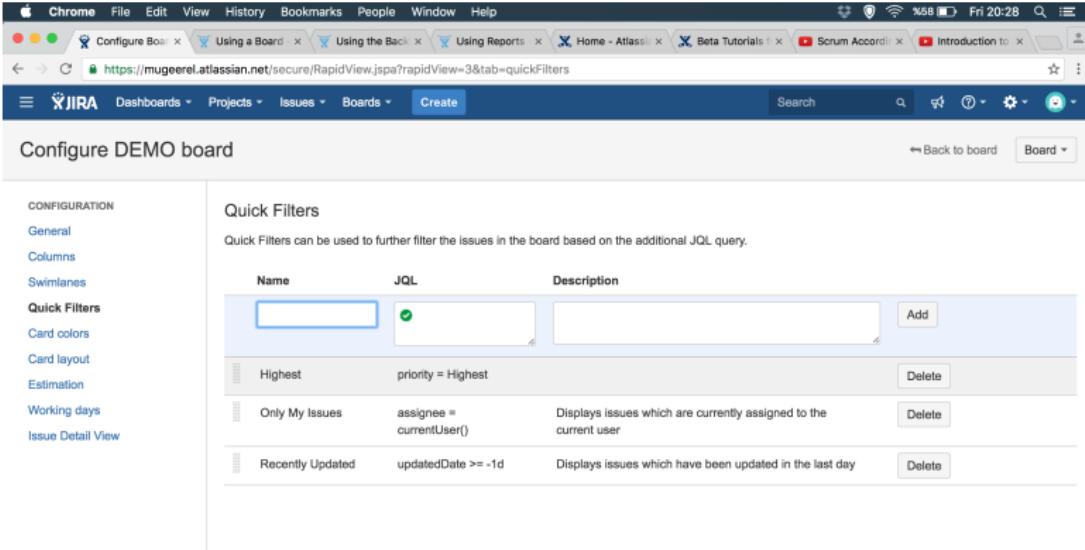
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- Only JIRA Administrator or Project Manager can edit filters.



The screenshot shows the JIRA interface for configuring a board. On the left, there's a sidebar with navigation links like 'CONFIGURATION' (General, Columns, Swiplanes, Quick Filters), 'Card colors', 'Card layout', 'Estimation', 'Working days', and 'Issue Detail View'. The main area is titled 'Configure DEMO board' and contains a 'Quick Filters' section. This section has a table with columns 'Name', 'JQL', and 'Description'. It lists three filters: 'Highest' (JQL: priority = Highest), 'Only My Issues' (JQL: assignee = currentUser()), and 'Recently Updated' (JQL: updatedDate >= -1d). Each row has a 'Delete' button. At the bottom of the page, there's a footer with links to 'Powered by Atlassian', 'Terms of use', 'Answers', 'Maintenance schedule', and the Atlassian logo. Below the footer is a decorative bar with various icons.

Name	JQL	Description
Highest	priority = Highest	
Only My Issues	assignee = currentUser()	Displays issues which are currently assigned to the current user
Recently Updated	updatedDate >= -1d	Displays issues which have been updated in the last day

Powered by Atlassian · Terms of use · Answers · Maintenance schedule

Atlassian

Icons: Home, Configure Board, Using a Board, Using the Backlog, Using Reports, Home - Atlassian, Beta Tutorials, Scrum Accordin, Introduction to Jira, etc.



Quick Filters

Using new filters

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QUICK FILTERS: Lowest Highest Only My Issues Recently Updated

Issue	Description
DEMO-1 Issue1	Issue 1 details
DEMO-2 Issue2	Issue 2 details
DEMO-3 Issue3	Issue 3 details
DEMO-4 Issue4	Issue 4 details
DEMO-5 Issue5	Issue 5 details
DEMO-6 Issue6	Issue 6 details
DEMO-7 Issue7	Issue 7 details
DEMO-8 Issue8	Issue 8 details
DEMO-9 Issue9	Issue 9 details
DEMO-10 Issue10	Issue 10 details

+ Create issue



Quick Filters

Using new filters

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The screenshot displays the JIRA software interface. The main view is the 'Backlog' board for the 'Demo' project. On the left, a sidebar lists various project management options: Demo (selected), Backlog, Active sprints, Releases, Reports, Issues (selected), Components, Add shortcut, Invite your team, and Project settings. The backlog table shows three issues:

Issue	Description
DEMO-1	Issue1
DEMO-2	Issue2
DEMO-3	Issue3

At the top of the backlog table, there are filter buttons: 'QUICK FILTERS' (set to 'Highest'), 'Lowest', 'Only My Issues', and 'Recently Updated'. Below the backlog table, a 'Create Sprint' button is visible. The top of the screen shows a browser window with multiple tabs open, and the address bar shows the URL <https://mugeerel.atlassian.net/secure/RapidBoard.jspa?rapidView=3&view=planning.nodetail&quickFilter=9>.

Adding Issue With User Stories

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The screenshot shows a JIRA interface with the URL <https://mugeerei.atlassian.net/projects/DEMO/issues/DEMO-3?filter=allopenissues>. The left sidebar includes links for Demo board, Backlog, Active sprints, Releases, Reports, Issues, Components, Add shortcut, Invite your team, and Project settings. The main area displays a list of open issues: DEMO-3 (Issue3), DEMO-2 (Issue2), DEMO-1 (Issue1), DEMO-10 (Issue10), DEMO-9 (Issue9), DEMO-8 (Issue8), DEMO-7 (Issue7), and Issue11 (New Story). A modal dialog is open for Issue3, showing its details: Type: Story, Status: TO DO, Priority: Highest, Resolution: Unresolved, Labels: None, and Description: Click to add description. It also shows the reporter (muge ozcevik [Administrator]), assignee (Unassigned), assignee options (Assign to me), and other fields like Reporter, Votes, and Watchers.

Adding Issue

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■ Assigning priority

The screenshot shows the JIRA interface for a project named "Demo". On the left, there's a sidebar with options like Backlog, Active sprints, Releases, Reports, Issues (which is selected), Components, Add shortcut, Invite your team, and Project settings. The main area displays a list of "Open issues" with the following details:

Issue ID	Title	Priority
DEMO-3	Issue3	Lowest
DEMO-2	Issue2	Lowest
DEMO-1	Issue1	Lowest
DEMO-11	Issue11	High
DEMO-10	Issue10	High
DEMO-9	Issue9	Medium
DEMO-8	Issue8	Medium
DEMO-7	Issue7	Medium

To the right, there's a detailed view for "Issue11" (DEMO-11). The "Details" section includes fields for Type (Story), Status (TO DO), Priority (High, currently selected), and Reporter (muge ozcevik [Administrator]). The "People" section lists the assignee as Unassigned and the assignee field is empty. The "Description" and "Dates" sections are partially visible at the bottom.

A dropdown menu for priority is open, showing the following options: Highest (selected), High, Medium, Low, and Lowest.

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■ Assigning team member

The screenshot shows the JIRA interface for a project named 'Demo'. On the left, there's a sidebar with options like Backlog, Active sprints, Releases, Reports, Issues (which is selected), Components, Add shortcut, Invite your team, and Project settings. The main area displays a list of open issues under the heading 'Open issues'.

Issues List:

- DEMO-3 Issue3
- DEMO-2 Issue2
- DEMO-1 Issue1
- DEMO-11 Issue11** (This issue is currently selected)
- DEMO-10 Issue10
- DEMO-9 Issue9
- DEMO-8 Issue8
- DEMO-7 Issue7

Issue Details for DEMO-11:

Details:

- Type: Story
- Status: To Do (View workflow)
- Priority: Highest
- Resolution: Unresolved
- Labels: None

People:

- Assignee: **bey** (dropdown menu showing All Users, beyza_eken - beyza_eken@...)
- Other users listed: muge_ozcevik [Administrator], Votes: 0
- Watchers: Stop watching this issue

Description: Click to add description

Dates: Created: [empty field]

Adding Issue

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■ Estimating process

The screenshot shows the JIRA interface with the title "Backlog". On the left, there's a sidebar with links like "Backlog", "Active sprints", "Releases", "Reports", "Issues", "Components", "Add shortcut", "Invite your team", and "Project settings". The main area displays a list of issues under the heading "Backlog". Each issue card includes a green icon, the issue key (e.g., DEMO-5, DEMO-6, DEMO-7, DEMO-8, DEMO-9, DEMO-10, DEMO-11), and the issue name (e.g., Issue5, Issue6, Issue7, Issue8, Issue9, Issue10, Issue11). To the right of the backlog, there's a detailed view for the selected issue "DEMO-11 Issue11". This view shows the following details:

Details	Value
Issue ID	DEMO-11
Estimate	2
Status	TO DO (View workflow)
Priority	Highest
Component/s	None
Labels	None
Affects Version/s	None
Fix Version/s	None
Epic Link	None

Below the details, there are sections for "People" showing the Reporter (muge_ozcevik) and Assignee (beyza_eken), and a "Assign to me" button.

Adding Epic

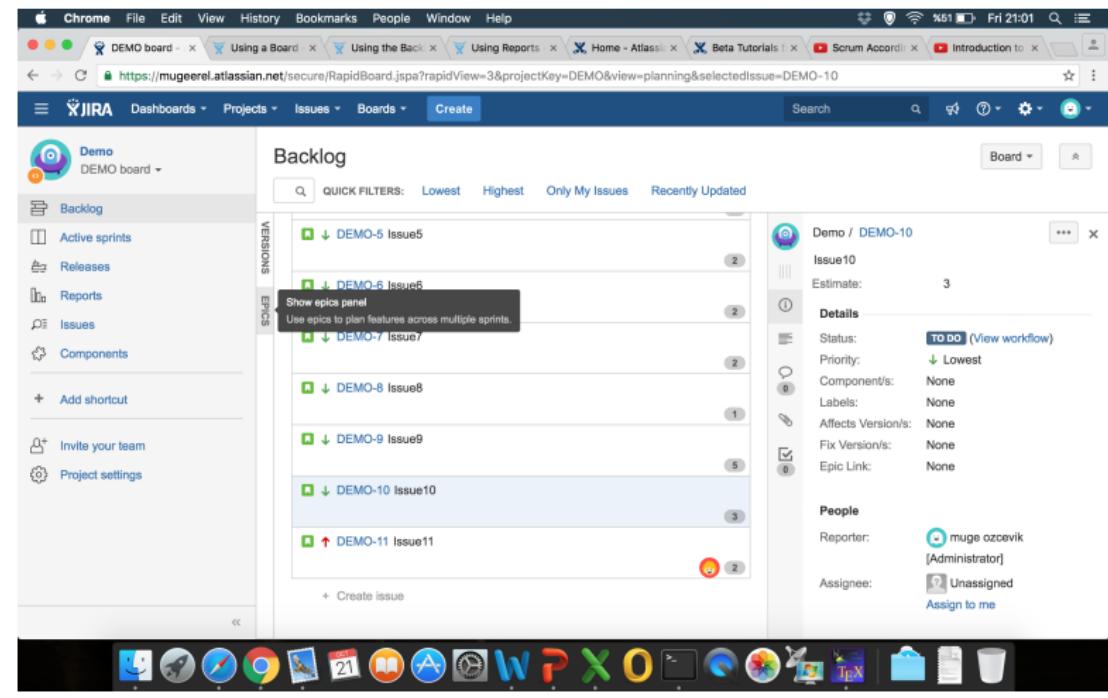
Creating new Epic

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The screenshot shows a web browser window for JIRA. The URL is <https://mugeerel.atlassian.net/secure/RapidBoard.jspa?rapidView=3&projectKey=DEMO&view=planning&selectedIssue=DEMO-10&epics=visible>. The page title is "Create Epic". The left sidebar shows a "Demo" board with sections: Backlog, Active sprints, Releases, Reports, Issues, Components, Add shortcut, Invite your team, and Project settings. The main area is titled "Backlog" with "QUICK FILTERS: Lowest, Highest, Only My Issues, Recently Updated". A modal dialog box is open, titled "Create Epic". It contains fields: "Project" set to "Demo (DEMO)", "Issue Type" set to "Epic", "Epic Name" set to "Epic1" (with a note "Provide a short name to identify this epic."), and "Summary" set to "Epics". Below the summary is a "Create another" checkbox, a "Create" button, and a "Cancel" button. To the right of the dialog, there is a "Configure fields" button. On the far right, there is a sidebar with "TO DO (View workflow)" showing five items: "Lowest", "None", "None", "None", and "None". At the bottom right of the dialog, there are "Assignee:" dropdowns for "muge ozcevik [Administrator]" and "Unassigned", and a "Assign to me" button. The Mac OS X dock at the bottom has icons for Finder, Mail, Safari, Google Chrome, 21, Books, App Store, System Preferences, Word, Excel, PowerPoint, Numbers, iWork suite, iPhoto, iMovie, iDVD, iCal, iWork '09, iTunes, iLife '09, iPhoto, iMovie, iDVD, iWork '09, and iLife '09.

Adding Epic

Epic link of Issue

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The screenshot shows the JIRA interface with the URL <https://mugeerel.atlassian.net/secure/RapidBoard.jspa?rapidView=3&projectKey=DEMO&view=planning&selectedIssue=DEMO-11&epics=visible>. The left sidebar shows the 'Backlog' board with sections for Active sprints, Releases, Reports, Issues, Components, and Project settings. The main area is titled 'Backlog' with 'QUICK FILTERS' set to 'Lowest'. A search bar shows the query 'epic'. On the right, a detailed view of an epic is shown:

Demo / DEMO-11	
Issue11	Estimate: 2
Details	
Status:	TO DO (View workflow)
Priority:	Highest
Component/s:	None
Labels:	None
Affects Version/s:	None
Fix Version/s:	None

Below the epic details, a suggestion dropdown shows 'Showing 4 of 4 matching epic' with the query 'epic' entered. The dropdown lists other epics: 'Epic1 - (DEMO-12)', 'Epic2 - (DEMO-13)', 'All epics', 'mgepic - (ANDROID-30)', and 'newepic - (ANDROID-36)'. The bottom of the screen shows a Mac OS X dock with various application icons.

Adding Epic

Epic link of Issue

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The screenshot shows the JIRA interface with the URL <https://mugeerel.atlassian.net/secure/RapidBoard.jspa?rapidView=3&projectKey=DEMO&view=planning&selectedIssue=DEMO-1&epics=visible>. The left sidebar shows the 'Backlog' board with sections for Active sprints, Releases, Reports, Issues, Components, and Project settings. The main area is titled 'Backlog' and displays a list of issues under 'EPICS'. An epic titled 'Epic2' is expanded, showing nine issues: DEMO-2 Issue2, DEMO-3 Issue3, DEMO-4 Issue4, DEMO-5 Issue5, DEMO-6 Issue6, DEMO-7 Issue7, DEMO-8 Issue8, and DEMO-9 Issue9. Each issue has a green icon with a white arrow pointing up or down. To the right, a detailed view of 'Issue1' is shown, including fields for Estimate (2), Status (TO DO), Priority (Highest), Component/s (None), Labels (None), Affects Version/s (None), Fix Version/s (None), and Epic Link (Epic2). The reporter is listed as 'muge ozcevik [Administrator]' and the assignee as 'Unassigned'. The bottom of the screen shows the Mac OS X dock with various application icons.

Creating Sprint

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The screenshot shows the JIRA software interface. On the left, there is a sidebar with navigation links: Demo (selected), Backlog, Active sprints, Releases, Reports, Issues (selected), Components, Add shortcut, Invite your team, and Project settings. The main area is titled "Backlog" and shows a "QUICK FILTERS" section with options: Lowest, Highest, Only My Issues, and Recently Updated. Below this, a section for "DEMO Sprint 1" is shown with a count of 0 issues. It features a placeholder image of a person at a computer with the text "PLAN YOUR SPRINT" and the instruction "This is a sprint. Plan a sprint by dragging issues here." A "Start Sprint" button and a "Linked pages" link are also present. At the bottom of this section, there is a "Create issue" button and a summary of 0 issues and Estimate 0. The main backlog area shows 11 issues: DEMO-1 Issue1, DEMO-2 Issue2, and DEMO-3 Issue3. Each issue has a green icon with an upward arrow. To the right of the issues, there are three columns labeled "Epic2" with counts of 2, 5, and 4 respectively. A "Create Sprint" button is located at the top right of the backlog area. The bottom of the screen shows a Mac-style dock with various application icons.

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The screenshot shows a JIRA interface on a Mac OS X desktop. The browser window is titled "Using a Board" and the URL is <https://mugeerel.atlassian.net/secure/RapidBoard.jspa?projectKey=DEMO&rapidView=3&view=planning>. The main content area is titled "Backlog" and shows a modal dialog titled "Edit sprint: DEMO Sprint 1". The "Sprint name:" field contains "DEMO Sprint 1". The "Sprint goal:" field is empty. Below the modal, the backlog lists three issues: "DEMO-1 Issue1", "DEMO-2 Issue2", and "DEMO-3 Issue3". A sidebar on the left shows project navigation options like "Dashboard", "Issues", and "Boards". The bottom of the screen shows the Mac OS X dock with various application icons.

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The screenshot shows the JIRA software interface with the "Backlog" board selected. The left sidebar contains navigation links such as Demo, Backlog, Active sprints, Releases, Reports, Issues, Components, Add shortcut, Invite your team, and Project settings. The main area displays the backlog with two sprints: "DEMO Sprint 1" and "DEMO Sprint 2".

DEMO Sprint 1 (4 issues):

- DEMO-3 Issue3 (Epic2)
- DEMO-1 Issue1 (Epic2)
- DEMO-2 Issue2 (Epic2)
- DEMO-8 Issue8 (Epic1)

DEMO Sprint 2 (4 issues):

- DEMO-7 Issue7 (Epic1)

At the bottom, there is a dock with various application icons.

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The screenshot shows a JIRA interface with a 'Start Sprint' dialog box open. The dialog box contains a calendar for November 2016, a time input field (09 : 09 pm), and a date input field (17/Nov/16 09:09 PM). Below the dialog, a message states "There are 19 working days in this sprint". At the bottom of the dialog are "Start" and "Cancel" buttons.

Start Sprint

November, 2016

Today

Sprint

4 issues will be completed

Start Time: 09 : 09 pm

Select date

End date: 17/Nov/16 09:09 PM

Sprint goal:

There are 19 working days in this sprint

Start Cancel

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The screenshot shows a JIRA board titled "DEMO Sprint 1". The board has five columns: To Do, In Progress, QA, CustomerAcceptance, and Done. There are four issues on the board:

- To Do:** DEMO-1 (Issue1, Epic2) - Status: 2
- In Progress:** DEMO-3 (Issue3, Epic2) - Status: 4
- QA:** DEMO-8 (Issue8, Epic1) - Status: 1
- CustomerAcceptance:** DEMO-2 (Issue2, Epic2) - Status: 5

A message box at the top right says "DEMO-2 has been updated." with a green checkmark icon. Below the board, there is a sidebar with links like Demo, Backlog, Active sprints, Releases, Reports, Issues, Components, Add shortcut, Invite your team, and Project settings.

Process in Sprint

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The screenshot shows the JIRA software interface for a project named 'DEMO'. The main view is a 'Sprint' board titled 'DEMO Sprint 1'. The board has five columns: 'To Do', 'In Progress', 'QA', 'CustomerAcceptance', and 'Done'. The 'Done' column contains four items, each with a green checkmark icon. The first item is 'DEMO-3' with 'Issue3' and 'Epic2'. The second is 'DEMO-4' with 'Issue1' and 'Epic2'. The third is 'DEMO-2' with 'Issue2' and 'Epic2'. The fourth is 'DEMO-8' with 'Issue8' and 'Epic1'. A green notification box at the top right of the board area says 'DEMO-1 has been updated.' Below the board, there is a sidebar with various project management links like 'Demo', 'Backlog', 'Active sprints', 'Releases', 'Reports', 'Issues', 'Components', 'Add shortcut', 'Invite your team', and 'Project settings'. At the bottom of the screen, there is a dock with various application icons.

Completing Sprint

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The screenshot shows a JIRA interface for a project named "DEMO". A modal dialog box is open in the center, titled "Complete Sprint: DEMO Sprint 1". The dialog contains the message: "4 issues were done" and "Sub-tasks are not included in the total(s) above, and are always included in the same sprint as their parent issue." At the bottom right of the dialog are two buttons: "Complete" (highlighted in blue) and "Cancel".

The main JIRA interface shows the following sections:

- Left sidebar:** Demo board, Backlog, Active sprints, Releases, Reports, Issues, Components, Add shortcut, Invite your team, Project settings.
- Header:** Chrome, File, Edit, View, History, Bookmarks, People, Window, Help.
- Address bar:** https://mugeerel.atlassian.net/secure/RapidBoard.jspa?rapidView=3&projectKey=DEMO&selectedIssue=DEMO-1
- Top navigation:** JIRA, Dashboards, Projects, Issues, Boards, Create, Search, Filter, Help, User icon.
- Central area:** DEMO Sprint 1, 18 days remaining, Complete Sprint. To Do, In Progress, QA, Customer Acceptance, Done columns. A list of issues: DEMO-3 (Issue3, Epic2), DEMO-4 (Issue1, Epic2), DEMO-2 (Issue2, Epic2), DEMO-8 (Issue8, Epic1).

References and Further Reading

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References

- <https://www.atlassian.com/agile/>
- <https://www.scrumalliance.org/>
- <https://www.atlassian.com/software/jira/>