



ISC Cloud First Program

Application Design & Tools and Integration Teams

DEMO Slides: Agile Development & Using the Jira Agile Plug-in

Lunchtime Learning

12/8/2016

Using the Jira Agile Plug-in

- Supports agile development by organizing work into:
 - Epics – a general, overall feature set desired by product owner
 - User Stories – breakdown of epics into greater detail for estimation
 - Backlog – project work (i.e., user stories) to be prioritized for development by the product owner
 - Sprints – team determines which set of user stories to select from the backlog and include within the next stage of development
 - Sprint length – period of time determined by the team to complete the items within the sprint; varying between 1-3 weeks
 - SCRUM Board – graphical view of all work in the current sprint; ability to “drag & drop” items based upon their status (i.e., to do, in progress, done)

Utilizing Agile Development Techniques

- Planning development
 - Develop high-level epics
 - Break down epics into user stories
 - Create backlog of desired work & prioritize with product owner
 - Define the upcoming sprint & sprint length
- Beginning & Executing a sprint
 - Define detailed requirements of user stories with the product owner
 - Create **.feature** files to assist with automated testing
 - Facilitate work through daily STANDUP meetings, i.e., quick team conference calls to identify any issues impeding development – approximately 10-15 minutes at the start of each day

Jira Agile Plug-in: Summary List of Items in the Product Backlog

The screenshot displays the Jira Agile interface for the 'VDI Demo' board. The main view is the 'Backlog' containing 10 issues. The left sidebar shows navigation options like 'Backlog', 'Active sprints', and 'Releases'. The right sidebar provides details for the selected issue, 'Story 1.5A An LSP Checks out for manually entered Individual(s) VDI Preferences'. The bottom of the image shows a Windows taskbar with the system clock at 11:09 AM on 12/9/2016.

Backlog Summary:

Issue ID	Summary	Priority	Labels
VDIDEMO-8	Story 1.5A An LSP Checks out for manually entered Individual(s) VDI Preferences [Validate 26-digit Budget code & Submit order]	1.5 Provisioning	1.5 Provisioning
VDIDEMO-10	Story 1.5C Terms and Conditions	1.5 Provisioning	1.5 Provisioning
VDIDEMO-12	Story 1.7	1.0 Individual VDI - Signup & Preferences	1.0 Individual VDI - Signup & Preferences
VDIDEMO-9	Story 1.5B An LSP Checks out for uploaded file of	1.5 Provisioning	1.5 Provisioning
VDIDEMO-13	Story 1.6	1.0 Individual VDI - Signup & Preferences	1.0 Individual VDI - Signup & Preferences
VDIDEMO-14	Story 2.1	2.0 Group VDI setup and provisioning	2.0 Group VDI setup and provisioning
VDIDEMO-15	Story 2.2	2.0 Group VDI setup and provisioning	2.0 Group VDI setup and provisioning
VDIDEMO-16	Story 2.3	2.0 Group VDI setup and provisioning	2.0 Group VDI setup and provisioning
VDIDEMO-6	Story 1.3	1.0 Individual VDI - Signup & Preferences	1.0 Individual VDI - Signup & Preferences
VDIDEMO-7	Story 1.4	1.0 Individual VDI - Signup & Preferences	1.0 Individual VDI - Signup & Preferences

Issue Details (VDIDEMO-8):

- Status:** TO DO (View workflow)
- Priority:** Medium
- Component/s:** None
- Labels:** None
- Affects Version/s:** None
- Fix Version/s:** None
- Epic Link:** 1.5 Provisioning
- Reporter:** Lisa McBriar
- Assignee:** Unassigned
- Created:** 4 days ago
- Updated:** Yesterday

Jira Agile Plug-in: Breakdown of Issues Related to a Particular Epic

The screenshot displays the Jira Agile interface for a project named "VDI Demo". The main view is the "Backlog" for the epic "VDIDEMO-8". The interface is divided into several sections:

- Left Sidebar:** Contains navigation options like "Backlog", "Active sprints", "Releases", "Reports", "Issues", "Components", and "Project shortcuts".
- Top Navigation:** Includes "Dashboards", "Projects", "Issues", "Boards", and a "Create" button.
- Backlog View:** Shows a list of issues under the "VDIDEMO-8" epic. The issues are:
 - VDIDEMO-8 Story 1.5A An LSP Checks out for manually entered Individual(s) VDI Preferences [Validate 26-digit Budget code & Submit order] (1.5 Provisioning)
 - VDIDEMO-10 Story 1.5C Terms and Conditions (1.5 Provisioning)
 - VDIDEMO-9 Story 1.5B An LSP Checks out for uploaded file of In (1.5 Provisioning)
- Right Panel (Issue Details):** Provides detailed information for the selected issue (VDIDEMO-8), including:
 - Status:** TO DO (View workflow)
 - Priority:** Medium
 - Component/s:** None
 - Labels:** None
 - Affects Version/s:** None
 - Fix Version/s:** None
 - Epic Link:** 1.5 Provisioning
 - Reporter:** Lisa McBriar
 - Assignee:** Unassigned (Assign to me)
 - Dates:** Created: 4 days ago, Updated: Yesterday
 - Description:** Link to .feature file of USER SCENARIOS and EXAMPLES in git: <https://gitlab.com/upenn-cloud->

Jira Agile Plug-in: "Drag & Drop" Items from the Backlog into the Sprint

The screenshot displays the Jira Agile interface for a project named "VDI Demo". The main view is the "Backlog", which shows a list of issues. The issues are grouped by version (1.0, 1.5, 2.0, 0.0) and include details such as issue ID, key, and description. A "Backlog" summary shows 10 issues and an estimate of 0. A "Sprint" view is also visible, showing a "VDI Demo Sprint 4" with 0 issues and an estimate of 0. A "PLAN YOUR SPRINT" box is present, indicating that items can be dragged from the Backlog into the Sprint. The right sidebar shows the details for the selected issue, "Story 1.5A An LSP Checks out for manually entered Individual(s) VDI Preferences [Validate 26-digit Budget code & Submit order]". The details include fields for Status (TO DO), Priority (Medium), Component/s (None), Labels (None), Affects Version/s (None), Fix Version/s (None), Epic Link (1.5 Provisioning), Reporter (Lisa McBriar), Assignee (Unassigned), and Dates (Created: 4 days ago, Updated: Yesterday). The description includes a link to a .feature file of USER SCENARIOS and EXAMPLES in git.

VDI Demo
VDIDEMO board

Backlog

QUICK FILTERS: Only My Issues Recently Updated

EPICS Create epic | x

All issues

- > 1.0 Individual VDI - Signup & Preferences
- > 1.5 Provisioning
- > 2.0 Group VDI setup and provisioning
- > 0.0 Setup

Issues without epics

VDI Demo Sprint 4 0 issues Edit sprint Start sprint

PLAN YOUR SPRINT
This is a sprint. Plan a sprint by dragging issues here.

+ Create issue

Backlog 10 issues Create sprint

- VDIDEMO-8 Story 1.5A An LSP Checks out for manually entered Individual(s) VDI Preferences [Validate 26-digit Budget code & Submit order] 1.5 Provisioning
- VDIDEMO-10 Story 1.5C Terms and Conditions 1.5 Provisioning
- VDIDEMO-12 Story 1.7 1.0 Individual VDI - Signup & Preferences
- VDIDEMO-9 Story 1.5B An LSP Checks out for uploaded file of 1.5 Provisioning
- VDIDEMO-13 Story 1.6 1.0 Individual VDI - Signup & Preferences

VDI Demo / VDIDEMO-8

Story 1.5A An LSP Checks out for manually entered Individual(s) VDI Preferences [Validate 26-digit Budget code & Submit order]

Estimate: Unestimated

Details

Status: TO DO (View workflow)

Priority: Medium

Component/s: None

Labels: None

Affects Version/s: None

Fix Version/s: None

Epic Link: 1.5 Provisioning

People

Reporter: Lisa McBriar

Assignee: Unassigned Assign to me

Dates

Created: 4 days ago

Updated: Yesterday

Description

Link to .feature file of USER SCENARIOS and EXAMPLES in git:
<https://gitlab.com/upenn-cloud->

Jira Agile Plug-in: Starting the Sprint

The screenshot displays the Jira Agile interface with a 'Start sprint' dialog box open. The dialog box contains the following information:

- Warning:** Issue VDI DEMO-8 does not have a value for the 'Estimate' field. Values entered after the start of the sprint will be treated as scope change.
- Included Issues:** 1 issue will be included in this sprint.
- Sprint name:** VDI DEMO Sprint 4
- Duration:** 2 weeks
- Start date:** 09/Dec/16 11:11 AM
- End date:** 23/Dec/16 11:11 AM
- Sprint goal:** (Empty text box)
- Working Days:** There are 10 working days in this sprint. [More about working days](#)
- Buttons:** Start, Cancel

The background interface shows a backlog with the following items:

- 2.0 Group VDI setup and provisioning
- VDI DEMO-15 Story 2.2
- 2.0 Group VDI setup and provisioning
- VDI DEMO-16 Story 2.3

The right-hand side of the screen shows the details for issue VDI DEMO-8:

- Story 1.5A:** An LSP Checks out for manually entered Individual(s) VDI Preferences [Validate 26-digit Budget code & Submit order]
- Estimate:** Unestimated
- Status:** TO DO (View workflow)
- Priority:** Medium
- Component/s:** None
- Labels:** None
- Affects Version/s:** None
- Fix Version/s:** None
- Epic Link:** 1.5 Provisioning
- Reporter:** Lisa McBriar
- Assignee:** Unassigned (Assign to me)
- Created:** 4 days ago
- Updated:** Just now
- Description:** Link to .feature file of USER SCENARIOS and EXAMPLES in git: <https://gitlab.com/upenn-cloud->

Jira Agile Plug-in: SCRUM Board Providing Overview of Work in the Sprint

The screenshot displays the Jira Agile interface for a project named "VDI Demo". The main view is a SCRUM Board for "VDIDEMO Sprint 4", which is currently 9 days remaining. The board is organized into columns: "To Do", "In Progress", and "Done".

Left Sidebar:

- VDI Demo (VDIDEMO board)
- Backlog
- Active sprints
- Releases
- Reports
- Issues
- Components
- PROJECT SHORTCUTS: Add shortcut
- Project settings

Main Board Content:

QUICK FILTERS: Only My Issues, Recently Updated

To Do Column:

- VDIDEMO-8 (Selected):** Story 1.5A An LSP Checks out for manually entered Individual(s) VDI Preferences [Validate 26-digit Budget code & Submit order]
- VDIDEMO-17:** Story x.x Requirements and User Scenarios w examples (.feature file)
- VDIDEMO-18:** (UI) for this story
- VDIDEMO-19:** (DRF) for this story
- VDIDEMO-20:** E2E for this story

Right Panel (Issue Details for VDI DEMO-8):

- Status:** TO DO (View workflow)
- Priority:** Medium
- Component/s:** None
- Labels:** None
- Affects Version/s:** None
- Fix Version/s:** None
- Epic Link:** 1.5 Provisioning
- Estimate:** Unestimated
- Reporter:** Lisa McBriar
- Assignee:** Unassigned (Assign to me)
- Created:** 4 days ago
- Updated:** 1 minute ago
- Description:** Link to .feature file of USER SCENARIOS and EXAMPLES in git: <https://gitlab.com/upenn-cloud->

Bottom Taskbar: Windows taskbar showing the time as 11:12 AM on 12/9/2016.

Jira Agile Plug-in: Updating Status by “Dragging & Dropping” across the SCRUM Board

The screenshot displays the Jira Agile interface for a project named "VDI Demo". The main view is the "VDIDEMO Sprint 4" SCRUM Board, which is currently 9 days remaining. The board is organized into three columns: "To Do", "In Progress", and "Done".

In the "To Do" column, there are three issues: VDI DEMO-18 (UI for this story), VDI DEMO-19 (DRF for this story), and VDI DEMO-20 (E2E for this story). In the "In Progress" column, issue VDI DEMO-17 is visible, with the description "Story x.x Requirements and User Scenarios w examples (.feature file)". This issue is being dragged from the "To Do" column to the "In Progress" column, as indicated by the mouse cursor and the shadow of the issue card.

The right-hand sidebar shows the details for issue VDI DEMO-17. The status is "IN PROGRESS", the priority is "Medium", and the reporter and assignee are both Lisa McBriar. The issue was created 2 days ago and updated just now. The "Issue links" section shows a link to VDI DEMO-19, which is in the "TO DO" status.

The bottom of the screen shows the Windows taskbar with the time 11:13 AM on 12/9/2016.

Jira Agile Plug-in: Updating Status by “Dragging & Dropping” across the SCRUM Board

The screenshot displays the Jira Agile interface for a project named "VDI Demo". The main view is the "VDIDEMO Sprint 4" SCRUM Board, which is organized into three columns: "To Do", "In Progress", and "Done". A notification at the top center states "VDIDEMO-17 has been updated." with a green checkmark. In the "To Do" column, there are three tasks: VDIEMO-18 (UI for this story), VDIEMO-19 (DRF for this story), and VDIEMO-20 (E2E for this story). In the "Done" column, task VDIEMO-17 is visible, with a description: "Story x.x Requirements and User Scenarios w examples (.feature file)". The right-hand sidebar shows the details for VDIEMO-17, including its status as "DONE", priority as "Medium", and assignee as Lisa McBriar. The bottom of the screen shows a Windows taskbar with the time 11:15 AM on 12/9/2016.