

## **Assignment 6.1 Jira**

### **Peer Members:**

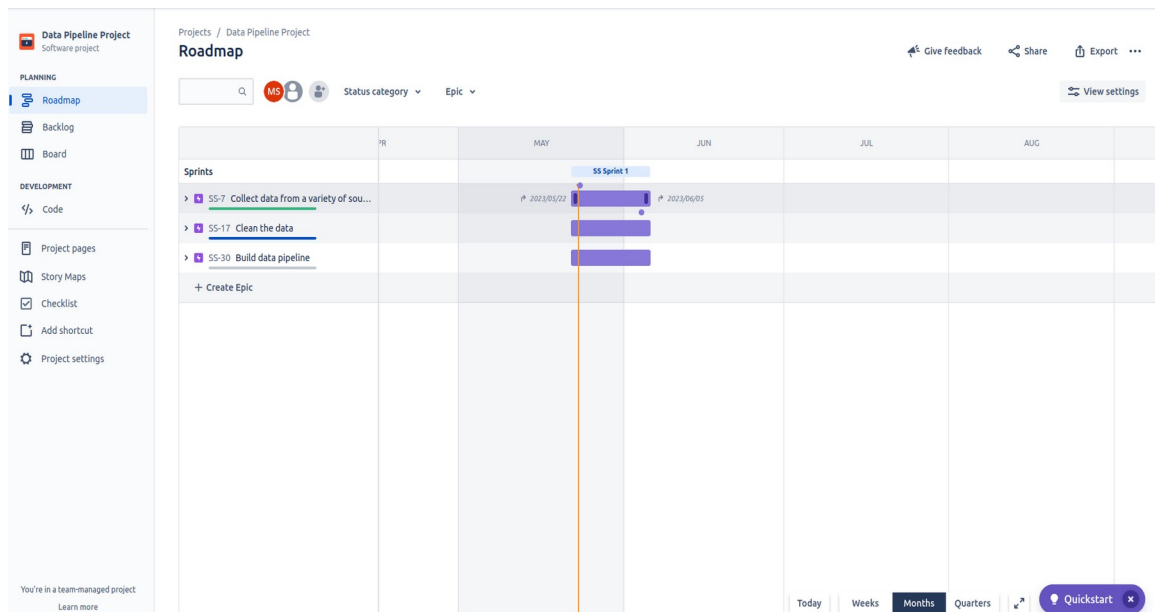
- **Syed Muhammad Raqim Ali Shah (2303.KHI.DEG.008)**
- **Maaz Javaid Siddique (2303.KHI.DEG.004)**
- **Qadeer Hussain (2303.KHI.DEG.006)**

### **Question:**

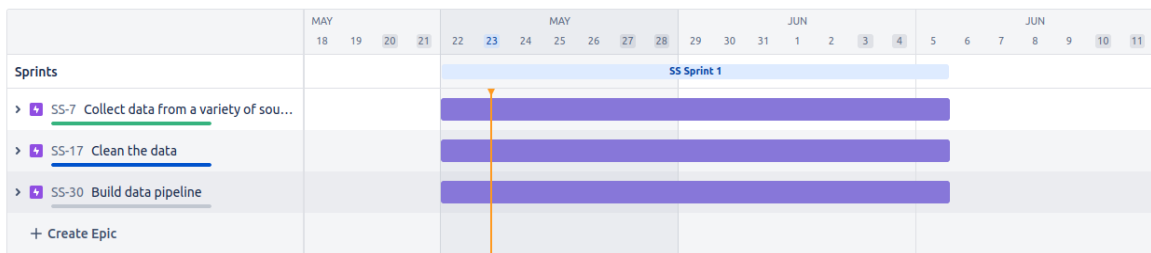
1. Create a new Jira instance:  
<https://www.atlassian.com/software/jira/free>
2. Add a new scrum project.
3. Add some epics, stories and tasks to the project backlog.
4. Estimate the stories and tasks.
5. Create a team and invite some teammates.
6. Add a 2-week sprint and start it.
7. Plan the sprint: move some items from the backlog, assign them to the teammates.
8. Add 1-2 new columns to the sprint board.
9. Group the items by epic.
10. Move items between the columns and observe their statuses.
11. Check the project insights when at least one item is done.

## Answer:

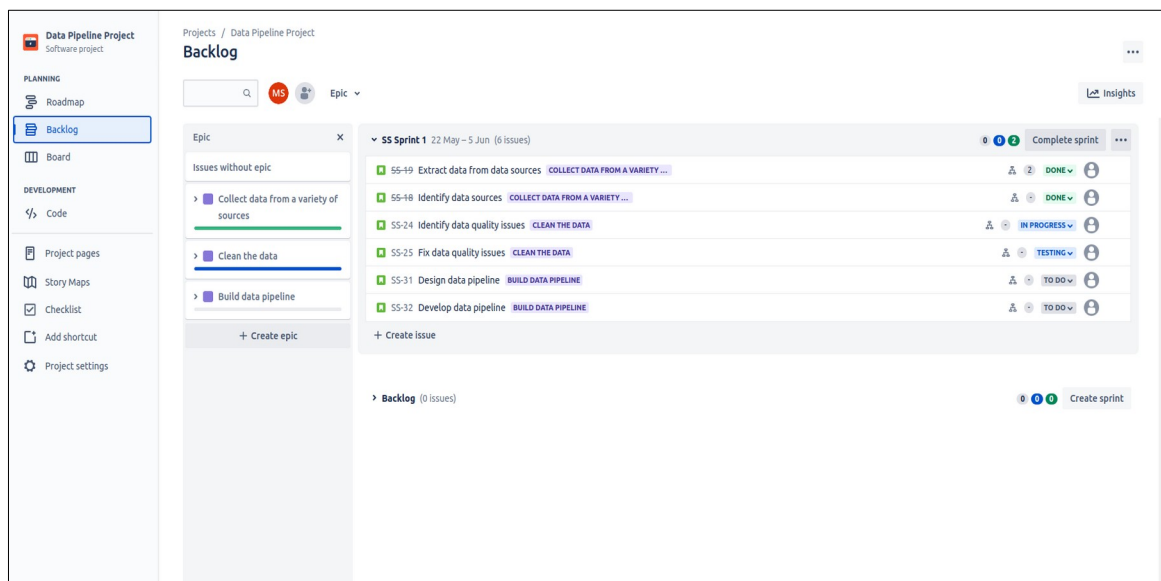
This is a Roadmap Snapshot. In this we have create 3 epics.



We can see that we create a 2 week sprint



## Backlog Snapshot:



## Sprint Board Snapshot:

The screenshot shows a Jira Sprint Board for the 'Data Pipeline Project' (Software project). The board is titled 'SS Sprint 1' and has a search bar, a filter dropdown (MS), and an Epic dropdown. The board is organized into columns: 'TO DO 2 ISSUES', 'IN PROGRESS 1 ISSUE', 'TESTING 1 ISSUE', and 'DONE 2 ISSUES'. The 'TO DO' column contains three issues: 'SS-7 Collect data from a variety of sources' (2 issues, TO DO), 'SS-17 Clean the data' (2 issues, TO DO), and 'SS-30 Build data pipeline' (2 issues, TO DO). The 'IN PROGRESS' column contains one issue: 'SS-24 Identify data quality issues'. The 'TESTING' column contains one issue: 'SS-25 Fix data quality issues'. The 'DONE' column contains two issues: 'SS-19 Extract data from data sources' and 'SS-18 Identify data sources'. The left sidebar shows the project navigation menu with options like Roadmap, Backlog, Board, Code, Project pages, Story Maps, Checklist, Add shortcut, and Project settings. The top right shows the sprint progress bar and a 'Complete sprint' button.

## Project Team

The screenshot shows the Jira Project Team page for the 'Data Pipeline Project'. The page has a green header bar with the Jira Software logo and navigation links: 'Your work', 'Projects', 'Filters', 'Dashboards', 'Teams', 'Apps', and 'Create'. A search bar is located in the top right. The main content area is divided into sections: 'Project Group' (with an 'Open team' button and a description), 'Team activity' (with a message 'There is no work to see here'), and 'Contributing to' (with a message 'See the status of what Project Group is working on'). The 'Team activity' section shows a list of team members: Maaz Javaid Siddique (Software Engineer), Qadeer Hussain, Raqim Shah, and Sheikh Muhammad Sabih (230...). The 'Contributing to' section shows a progress bar with 'COMPLETED', 'ON TRACK', and 'AT RISK' status.

## Snapshot of subtask in the Done column:

The screenshot displays the Jira Software interface for a project named 'Data Pipeline Project'. The main view shows a subtask titled 'Extract data from data sources' (SS-7 / SS-19) in the 'Done' column. The subtask is marked as '100% Done' and has two child issues: 'SS-20 Identify internal data sources' and 'SS-21 Identify external data sources', both of which are also marked as 'DONE'. The 'Activity' section shows a comment from user 'MS'. The right sidebar contains a 'Details' panel with fields for Assignee (Unassigned), Labels (None), Sprint (SS Sprint 1), Story point estimate (None), Development (Create branch, Create commit), Releases (Add feature flag), Reporter (Maaz Javaid Siddique), Automation (Rule executions), Invision for Jira (Open Invision for Jira), Smart Checklist (Open Smart Checklist), Sentry (Linked issues), and Slack Discussion (Open Slack Discussion).

## Snapshot of subtask in the Testing column:

The screenshot displays the Jira Software interface for the same 'Data Pipeline Project'. The main view shows a subtask titled 'Fix data quality issues' (SS-17 / SS-25) in the 'Testing' column. The subtask is marked as '0% Done' and has two child issues: 'SS-28 Fill in missing data' and 'SS-29 Remove duplicate data', both of which are marked as 'TESTING'. The 'Activity' section shows a comment from user 'MS'. The right sidebar contains a 'Details' panel with fields for Assignee (Unassigned), Labels (None), Sprint (SS Sprint 1), Story point estimate (None), Development (Create branch, Create commit), Releases (Add feature flag), Reporter (Maaz Javaid Siddique), Automation (Rule executions), Invision for Jira (Open Invision for Jira), Smart Checklist (Open Smart Checklist), Sentry (Linked issues), and Slack Discussion (Open Slack Discussion).

## Snapshot of subtask in the Progress column:

This screenshot shows a Jira issue titled "Identify data quality issues" (SS-17 / SS-24) in the "In Progress" column. The issue is part of the "Data Pipeline Project". The left sidebar shows the project navigation menu with options like Roadmap, Backlog, Board, Code, Project pages, Story Maps, Checklist, Add shortcut, and Project settings. The main content area includes a description field, a progress bar for child issues (0% Done), and a list of child issues: SS-26 "Identify missing data" and SS-27 "Identify duplicate data", both in the "IN PROGRESS" state. The right sidebar shows the "In Progress" tab with a list of actions: Assignee (Unassigned), Labels (None), Sprint (SS Sprint 1), Story point estimate (None), Development (Create branch, Create commit), Releases (Add feature flag), Reporter (Maaz Javaid Siddique), Automation (Rule executions), Invision for Jira (Open Invision for Jira), Smart Checklist (Open Smart Checklist), Sentry (Linked Issues), and Slack Discussion (Open Slack Discussion).

## Snapshot of subtask in the Todo column:

This screenshot shows a Jira issue titled "Develop data pipeline" (SS-30 / SS-32) in the "To Do" column. The issue is part of the "Data Pipeline Project". The left sidebar shows the project navigation menu with options like Roadmap, Backlog, Board, Code, Project pages, Story Maps, Checklist, Add shortcut, and Project settings. The main content area includes a description field, a progress bar for child issues (0% Done), and a list of child issues: SS-35 "Develop data pipeline using the designed architecture" and SS-36 "Test data pipeline", both in the "TO DO" state. The right sidebar shows the "To Do" tab with a list of actions: Assignee (Unassigned), Labels (None), Sprint (SS Sprint 1), Story point estimate (None), Development (Create branch, Create commit), Releases (Add feature flag), Reporter (Maaz Javaid Siddique), Automation (Rule executions), Invision for Jira (Open Invision for Jira), Smart Checklist (Open Smart Checklist), Sentry (Linked Issues), and Slack Discussion (Open Slack Discussion).

## Sprint Insights:

