American International University-Bangladesh (AIUB)

Department of Computer Science and Engineering

Course: Software Requirement Engineering
Section: A
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"Assignment on project management tool."

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Tools for managing project schedules and budgets:

These tools are used to track and monitor the progress of a project. The project manager can delegate numerous tasks to the team members in the project management software. It is possible for a team member to view the assigned works from the project manager, and to change their status. With these tools, a project manager can see at a glance what's going on in the project's progress and make reports on it. There are a wide variety of project management solutions on the market today. They're out there.

☐ • Jira
☐ • Trello
☐ • Asana
☐ • Proof-hub

JIRA software is the software management solution that we've chosen from the aforementioned list of project management tools. JIRA has both a free and a paid version for keeping track of the progress of a project.

What are the advantages of JIRA Project Management Tools?

☐ JIRA is used to track Bugs, Issues, and Change Requests.

It is possible to utilize JIRA in the Help Desk and Customer Service to create issues and follow their progress.

Project Management, Task Tracking, and Requirement Management can all benefit from JIRA. Workflow and process management can greatly benefit from JIRA.
JIRA's Project Management Tools have the following features:

Starting a New Project:
My coworkers and I are working on this project according to the scrum framework. The SCRUM template should be chosen.
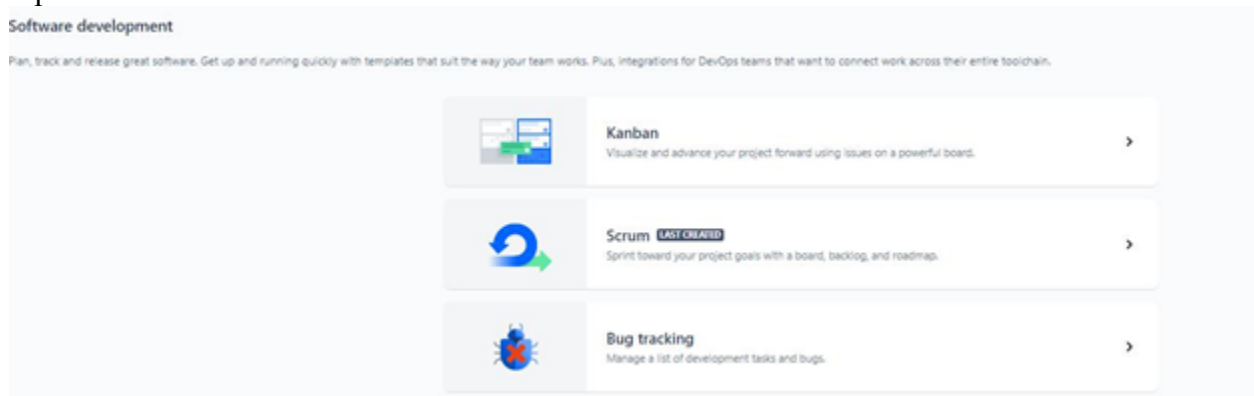
Add project details

You can change these details anytime in your project settings.

Name *

Team A

Access Anyone with access to tarifsadman228 can access and administer this project. Upgrade your plan to customize project permissions.

Key ⓘ *

TA

☐ **Connect repositories, documents, and more**
Sync your team's work from other tools with this project for better visibility, access, and automation.

Adding members into the project:

Name ⌃	Email	Role	
FT Fahim, Abu Talha	-	Member ⌄	Remove
Hamidur Rahman Ullash	-	Member ⌄	Remove
MH Mahfuzul hasan	-	Member ⌄	Remove
TS TARIF SADMAN	18-36466-1@student.aiub.edu	Administrator ⌄	Remove

Assigning works individually to the members:

The project admin can then assign individual tasks to the project members when they have been added to the project group. It is therefore possible for members of a project to see what tasks have been assigned by the project administrator. Issues can be accepted and the status updated by project members from the dashboard.

Create issue

Import issues   Configure fields ⌄

Assignee

👤 Hamidur Rahman Ullash   ⌄

Assign to me

Labels

⌄

Begin typing to find and create labels or press down to select a suggested label.

Sprint

TA Sprint 1   ⌄

Jira Software sprint field

Story point estimate

Measurement of complexity and/or size of a requirement.

Reporter*

TARIF SADMAN

Start typing to get a list of possible matches.

Attachment

☁ Drop files to attach, or browse.

☐ Create another   **Create**   Cancel

Issues will be posted in the "Backlog" section.

Projects / Team A

Backlog

🔍   TS 👤 FT 👤 👤⁺   Epic ⌄   📈 Insights

⌄ TA Sprint 1 ✏ Add dates (3 issues)   0 0 0   **Start sprint**   ⋯

🔖 TA-1 First try out   TO DO ⌄ 👤

🔖 TA-2 ....   TO DO ⌄ FT

🔖 TA-3 .....   TO DO ⌄ MH

+ Create issue

In the issue creation board an assignee can update the status manually ToDo-> InProgress->
Done.

Assign sub issue under issue:

The assignee or administrator can add a child issue section to an issue and assign new tasks within the child issues area.

Project Roadmap:

It is possible for a project manager to draw together a detailed plan for the entire project. Work scheduling for project development is possible in this situation. The project can be completed on time if the team adheres to the work schedule. This area allows the project manager to monitor the project's progress.

Dashboard:

Tools like Excel and PowerPoint can be used by the project manager in the dashboard section to construct a project report.

Some of the gadgets that can be used for generating reports are given below:

Add a Gadget

🔍 Search gadgets

All **31**   Jira **30**   Wallboard **5**   Charts **12**

Add   filter.

Jira   Charts

Heat Map
By Atlassian

Add   Displays the matching issues for a project or filter as a heat map.

Jira   Charts

Introduction
By Atlassian

Add   An introduction to this installation of Jira.

Jira
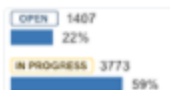
Issue Statistics
By Atlassian

Add   Issue Statistics

Jira

Issues in progress
By Atlassian

Add   Issues in progress

Jira

The following is some example of generated reports of our project:

A project manager can create a pie chart showing the contributions of each team member to the project's work and progress.
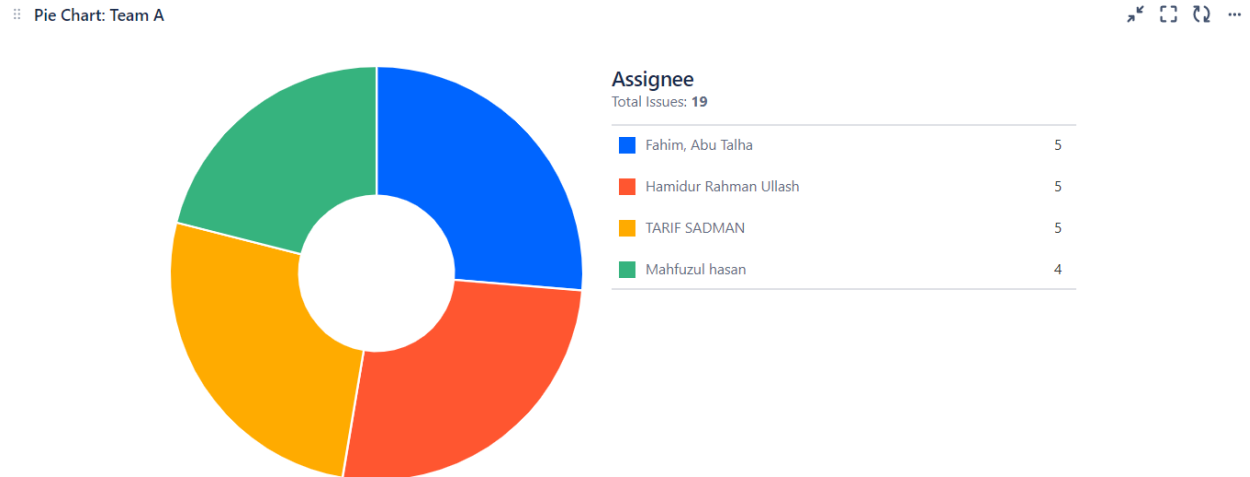
Progress report:

The project manager can generate a progress report for each of the issues that have been reported.

Activity stream:

The activity stream portion of the project can display all of the project members' activities.

Activity Streams

Activity Stream

Today

TARIF SADMAN changed the Assignee to 'Fahim, Abu Talha' on ~~TA-7~~ - Make collage
📷 6 minutes ago   Comment

TARIF SADMAN changed the Assignee to 'Hamidur Rahman Ullash' on ~~TA-8~~ - Combind
📷 6 minutes ago   Comment

TARIF SADMAN changed the Assignee to 'Mahfuzul hasan' on ~~TA-13~~ - Requirements Elicitation
⚡ 6 minutes ago   Comment

TARIF SADMAN changed the Assignee to 'TARIF SADMAN' on ~~TA-14~~ - Discussion
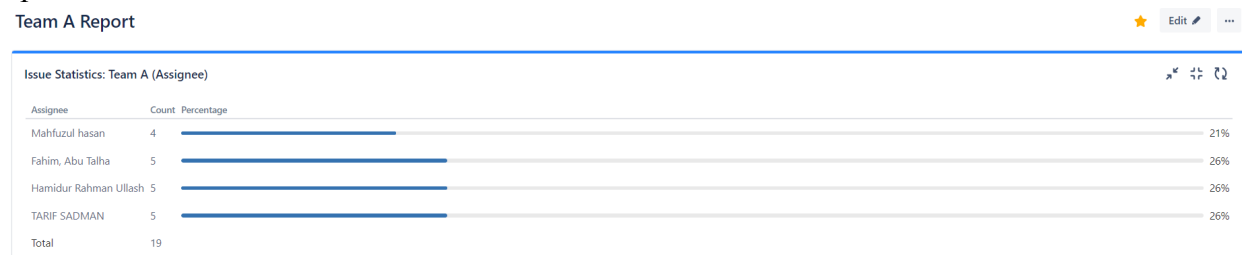⚡ 7 minutes ago   Comment

TARIF SADMAN changed the Assignee to 'Fahim, Abu Talha' on ~~TA-14~~ - Discussion
⚡ 7 minutes ago   Comment

TARIF SADMAN changed the Assignee to 'Hamidur Rahman Ullash' on ~~TA-14~~ - Discussion
⚡ 7 minutes ago   Comment

TARIF SADMAN changed the Assignee to 'Fahim, Abu Talha' on ~~TA-14~~ - Discussion
⚡ 7 minutes ago   Comment

TARIF SADMAN changed the Assignee to 'TARIF SADMAN' on ~~TA-14~~ - Discussion
⚡ 7 minutes ago   Comment

TARIF SADMAN changed the Assignee to 'TARIF SADMAN' on ~~TA-17~~ - Finalise plans
📷 8 minutes ago   Comment

TARIF SADMAN changed the status to Done on ~~TA-19~~ - Ensuring client involvement with a resolution of 'Done'
✅ 9 minutes ago   Comment

Mahfuzul hasan changed the status to Done on ~~TA-15~~ - Review with a resolution of 'Done'
✅ Yesterday   Comment

Hamidur Rahman Ullash updated the Sprint of ~~TA-15~~ - Review
✅ Yesterday   Comment

TARIF SADMAN created ~~TA-15~~ - Review
✅ Yesterday   Comment

Fahim, Abu Talha updated the Rank of ~~TA-10~~ - Elicitation of Requirements
✅ Yesterday   Comment

Fahim, Abu Talha changed the status to Done on ~~TA-10~~ - Elicitation of Requirements with a resolution of 'Done'
✅ Yesterday   Comment

Fahim, Abu Talha updated the Description of ~~TA-10~~ - Elicitation of Requirements
Done .
✅ Yesterday   Comment

Hamidur Rahman Ullash changed the status to Done on ~~TA-9~~ - Discussion with a resolution of 'Done'
✅ Yesterday   Comment

Hamidur Rahman Ullash changed the status to In Progress on ~~TA-9~~ - Discussion
✅ Yesterday   Comment

Hamidur Rahman Ullash commented on ~~TA-9~~ - Discussion
> done.

✅ Yesterday   Comment

Notification:

Project members will be notified in the notification area when issues are assigned to them.

TS   **TARIF SADMAN assigned an issue to you** 8 minutes ago
Combind
TA-8 • Done

TS   **TARIF SADMAN assigned an issue to you** 9 minutes ago   ●
Discussion
TA-14 • Done

TS   **TARIF SADMAN changed an issue from To Do to Done** 1 hour ago
Collect Pictures
TA-11 • Done

TS   **TARIF SADMAN updated an issue** 15 hours ago
Collect Pictures
TA-11 • To Do

TS   **TARIF SADMAN updated an issue** 15 hours ago
Collect Pictures
TA-11 • To Do

TS   **TARIF SADMAN updated an issue** 15 hours ago
Collect Pictures
TA-11 • To Do

TS   **TARIF SADMAN assigned an issue to you** 15 hours ago
Collect Pictures
TA-11 • To Do

TS   **TARIF SADMAN assigned an issue to you** 15 hours ago
Discussion
TA-9 • To Do

TS   **TARIF SADMAN updated an issue** 15 hours ago
Add pictures
TA-5 • Done

TS   **TARIF SADMAN changed an issue from In Progress to Done** 15 hours ago
Add pictures
TA-5 • Done

Benefit of using project management tools:

Work on streamlining the project's development, including better planning and scheduling.

☐ • The development of a better working environment for the project team.
☐ • Tasks can be assigned to a specific team member in an efficient manner.

Access to the other project member can be easily shared with a simple click. An example could be a file, the source code, or anything else. There is a simpler way to identify risk issues, improve the work, and share it with the team.

☐ • Create a project report based on their own efforts.
☐ • To meet the deadline, adhere to the project schedule.

In the JIRA software, our team has a unique need for one feature. This feature enables the developers and participants of the project to have access to the project's source code. JIRA can also be used to link issues to GitHub commits. As a result, the source code for a project can be shared with other developers so that they can use and modify it as they see fit, and then commit the code to GitHub.
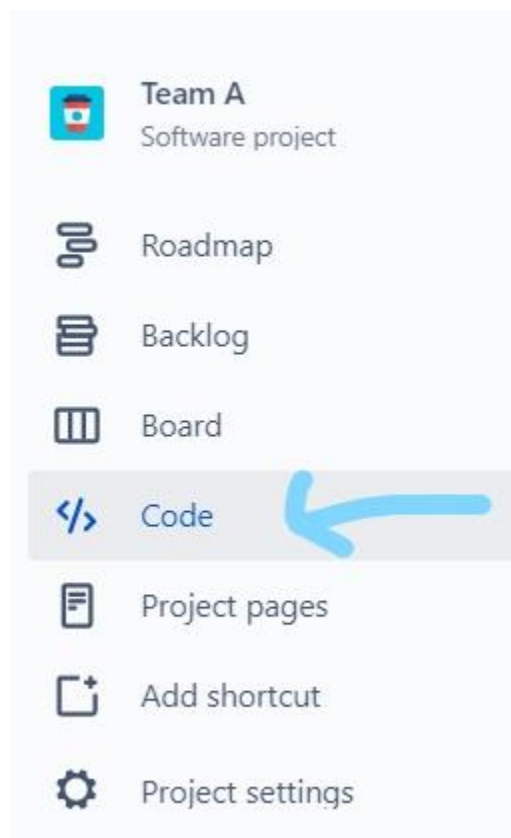
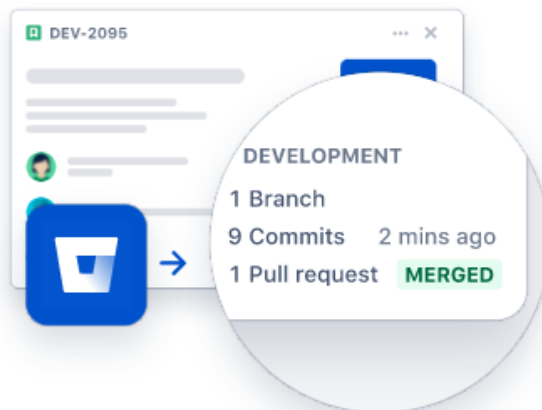Select a source code management tool

Bitbucket GET STARTED FREE

| Connect to Bitbucket | Connect to other providers |

DEV-2095

DEVELOPMENT

$\textrm{\textdollar}$ Create branch

$ git commit -m "DEV-2095 Update"

Simply copy & paste issue keys to start work in Jira Software

Use issue keys to link development tools to issues. Include an issue key in any branches, commit messages, or pull requests you create sending data back in to your Jira projects.

DEV-2095

DEVELOPMENT

1 Branch
9 Commits   2 mins ago
1 Pull request   **MERGED**

Get visibility into your team's work, from issue to code

Create an automated DevOps workflow and minimize context switching between Jira Software and **Bitbucket, GitHub, GitLab**, and other source code management tools.