

JIRA Software Screenshots

JIRA Project Dashboard(backlog before completion of sprint):

forest-fire-detection.atlassian.net/jira/software/projects/FFP/boards/2/backlog

Jira Software Your work Projects Filters Dashboards People Apps Create

Forest_Fire_Project Software project

PLANNING Roadmap Backlog Board

DEVELOPMENT Code Project pages Add shortcut Project settings

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Projects / Forest_Fire_Project

Backlog

Search Filters Epic

Epic Issues without epic

- Registration
- Login
- IBM Cloud Server
- Data Collection
- Algorithm Implementation
- Algorithm Evaluation

+ Create Epic

Sprint-1 24 Oct - 29 Oct (3 issues) Complete sprint

- FFP-7 register in the application LOGIN IN PROGRESS
- FFP-8 Confirmation email received once registered in the application LOGIN TO DO
- FFP-9 A user and a forest fire department staff will be provided with unique login ID and password LOGIN TO DO

+ Create issue

Sprint-2 31 Oct - 5 Nov (2 issues) Start sprint

- FFP-10 The forest fire is detected using computer vision algorithm through cameras. These ... IBM CLOUD SERVER TO DO
- FFP-11 fetch the details/data from the cloud server IBM CLOUD SERVER TO DO

+ Create issue

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- Algorithm Evaluation

+ Create Epic

Sprint-3 7 Nov - 12 Nov (2 issues) Start sprint

- FFP-12 gather information about forest fires DATA COLLECTION TO DO
- FFP-13 draft and point out the algorithms to predict the forest fire DATA COLLECTION TO DO

+ Create issue

Sprint-4 14 Nov - 19 Nov (3 issues) Start sprint

- FFP-14 determine the precision of each algorithm ALGORITHM IMPLEMENTATION TO DO
- FFP-15 Extracting and assessing the Dataset ALGORITHM IMPLEMENTATION TO DO
- FFP-16 determine the precision, recall and accuracy of the algorithm and alarm will se... ALGORITHM EVALUATION TO DO

+ Create issue

Scrum Board:

Jira Software

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Projects / Forest_Fire_Project

Sprint-1

V

SR

IMR

VM

Epic

TO DO 2 ISSUES

Confirmation email received once registered in the application

LOGIN

FFP-8

MR

A user and a forest fire department staff will be provided with unique login ID and password

LOGIN

FFP-9

VM

IN PROGRESS 1 ISSUE

register in the application

LOGIN

FFP-7

SR

DONE

Jira Software

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Projects / Forest_Fire_Project

All sprints

V

VM

SR

IMR

Epic

Sprint 2

Clear filters

TO DO 1 OF 1 ISSUE

fetch the details/data from the cloud server

IBM CLOUD SERVER

FFP-11

V

IN PROGRESS 1 OF 1 ISSUE

The forest fire is detected using computer vision algorithm through cameras. These cameras continuously monitor the forest and the data is sent to the server

IBM CLOUD SERVER

FFP-10

VM

DONE 3 OF 3 ISSUES

register in the application

LOGIN

FFP-7

✓

SR

Confirmation email received once registered in the application

LOGIN

FFP-8

✓

MR

A user and a forest fire department staff will be provided with unique login ID and password

LOGIN

FFP-9

✓

VM

Forest_Fire_Project
Software project

PLANNING

- Roadmap
- Backlog
- Board

DEVELOPMENT

- Code
- Project pages
- Add shortcut
- Project settings

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Projects / Forest_Fire_Project

All sprints

V MR VM SR

Epic

Sprint

TO DO

IN PROGRESS 2 ISSUES

gather information about forest fires
DATA COLLECTION
FFP-12

draft and point out the algorithms to predict the forest fire
DATA COLLECTION
FFP-13

DONE 5 ISSUES

register in the application
LOGIN
FFP-7

Confirmation email received once registered in the application
LOGIN
FFP-8

A user and a forest fire department staff will be provided with unique login ID and password
LOGIN

Jira Software Your work Projects Filters Dashboards People Apps Create

Forest_Fire_Project
Software project

PLANNING

- Roadmap
- Backlog
- Board

DEVELOPMENT

- Code
- Project pages
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Projects / Forest_Fire_Project

All sprints

V MR VM SR

Epic

Sprint 4

Clear filters

TO DO 1 OF 1 ISSUE

determine the precision, recall and accuracy of the algorithm and alarm will sent to user
ALGORITHM EVALUATION
FFP-16

IN PROGRESS 2 OF 2 ISSUES

determine the precision of each algorithm
ALGORITHM IMPLEMENTATION
FFP-14

Extracting and assessing the Dataset
ALGORITHM IMPLEMENTATION
FFP-15

DONE 7 OF 7 ISSUES

register in the application
LOGIN
FFP-7

Confirmation email received once registered in the application
LOGIN
FFP-8

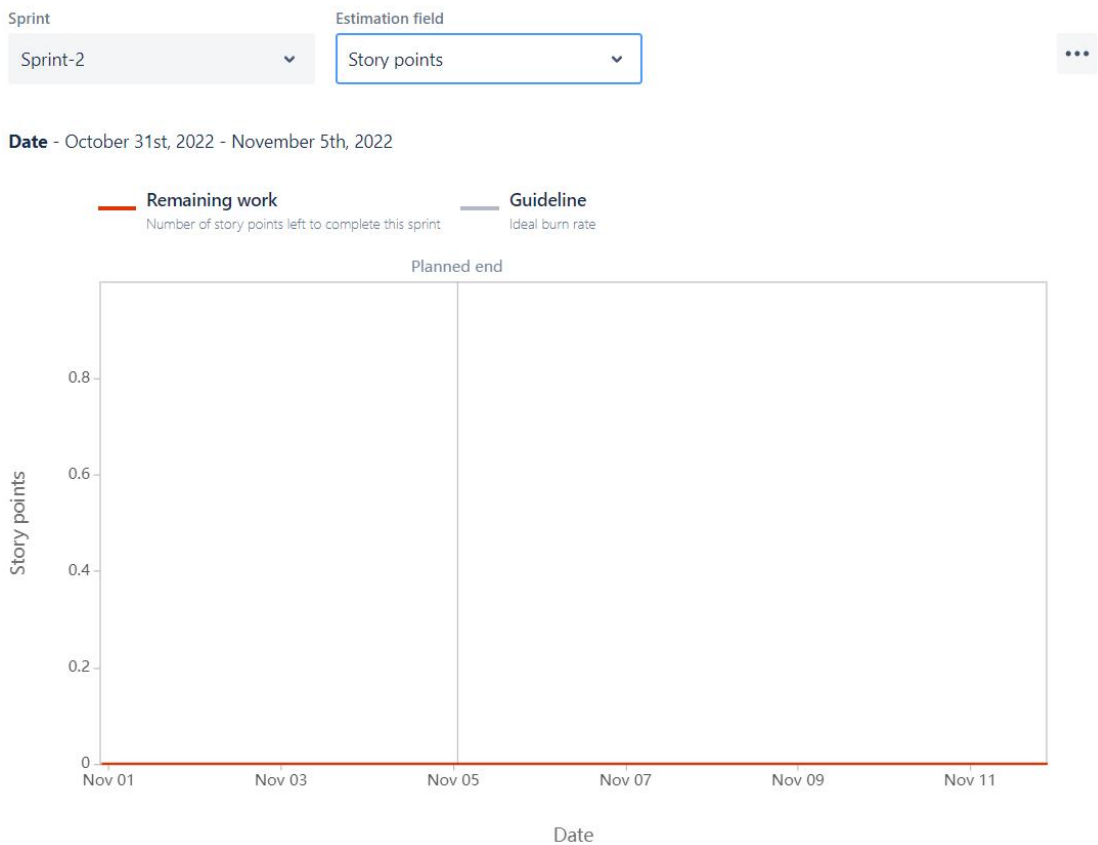
A user and a forest fire department staff will be provided with unique login ID and password
LOGIN
FFP-9

Backlog dashboard after completion of sprint:

The screenshot shows the Jira Software interface for the 'Forest_Fire_Project'. The left sidebar contains navigation options: PLANNING (Roadmap, Backlog, Board) and DEVELOPMENT (Code, Project pages, Add shortcut, Project settings). The main area displays the 'Backlog' for the project. At the top, there's a banner: 'Does your team need more from Jira? Get a free trial of our Standard plan.' Below this, the 'Backlog' section shows a search bar, filters (V, MR, VM, SR), and an 'Epic' dropdown. The backlog is organized into sprints. 'Sprint-1' (24 Oct - 29 Oct, 3 issues) is completed, showing issues FFP-7 (register in the application), FFP-8 (Confirmation email received once registered in the application), and FFP-9 (A user and a forest fire department staff will be provided with unique login ID and password). 'Sprint-2' (31 Oct - 5 Nov, 2 issues) is also completed, showing issues FFP-10 (The forest fire is detected using computer vision algorithm through cameras. These c...) and FFP-11 (fetch the details/data from the cloud server). The 'Epic' sidebar on the left lists: Registration, Login, IBM Cloud Server, Data Collection, Algorithm Implementation, and Algorithm Evaluation. A '+ Create Epic' button is at the bottom of the sidebar.

The screenshot shows the Jira Software interface for the 'Forest_Fire_Project' after the completion of Sprint-3 and Sprint-4. The layout is similar to the previous screenshot. The 'Backlog' section shows 'Sprint-3' (7 Nov - 12 Nov, 2 issues) completed with issues FFP-12 (gather information about forest fires) and FFP-13 (draft and point out the algorithms to predict the forest fire). 'Sprint-4' (14 Nov - 19 Nov, 3 issues) is also completed, showing issues FFP-14 (determine the precision of each algorithm), FFP-15 (Extracting and assessing the Dataset), and FFP-16 (determine the precision, recall and accuracy of the algorithm and alarm will sen...). The 'Epic' sidebar remains the same, listing: Registration, Login, IBM Cloud Server, Data Collection, Algorithm Implementation, and Algorithm Evaluation. A '+ Create Epic' button is at the bottom of the sidebar.

Sprint Burndown Chart:



Sprint

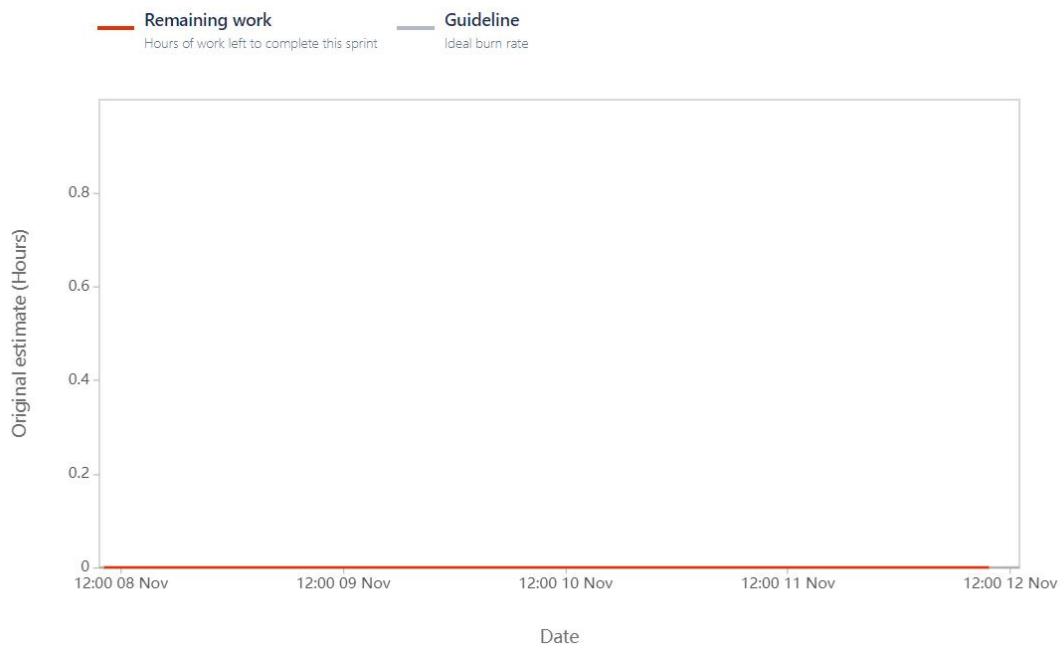
Sprint-3

Estimation field

Time

...

Date - November 7th, 2022 - November 12th, 2022



Sprint

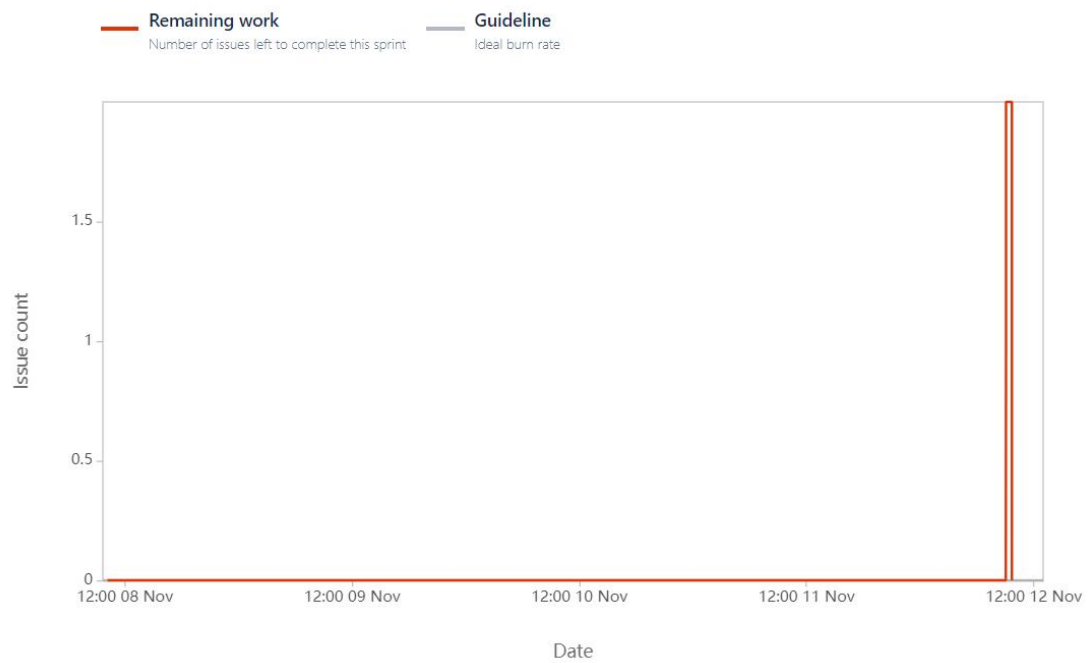
Sprint-3

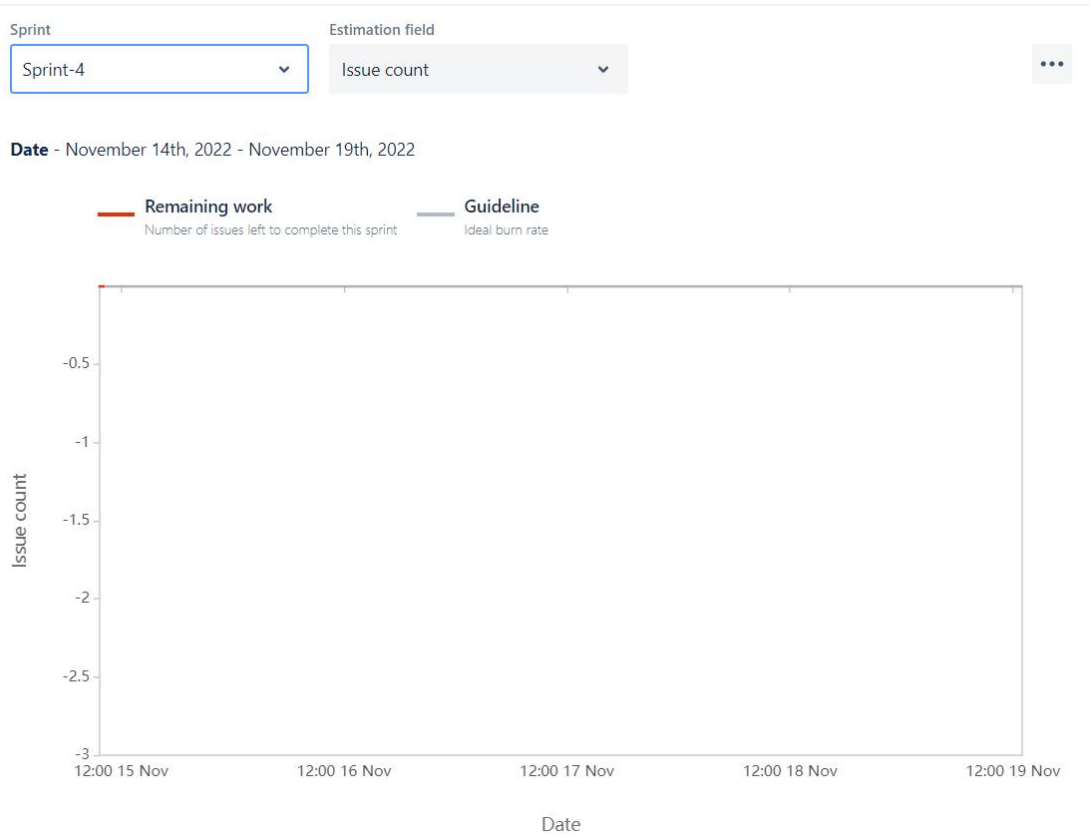
Estimation field

Issue count

...

Date - November 7th, 2022 - November 12th, 2022





Velocity Report:

