

Dog breed identification using transfer learning

DATE	28-02-2026
TEAM ID	LTVIP2026TMIDS90703
PROJECT NAME	Dog breed identification using transfer learning
MAXIMUM MARKS	1 MARKS

5.4 - Team Management Tools for Agile Planning

❖ What is Jira?

Jira is an Agile project management and issue-tracking tool developed by Atlassian. It supports Scrum and Kanban methodologies, helping teams plan, track, and release software efficiently.

■ Jira Project Structure for Internship

1 Project Creation

Create a project with:

- Project Name: Internship Capstone Project
- Template: Scrum (Recommended)
- Project Type: Software Development

📌 Issue Types Configuration

Define standard issue types:

- ● Epic – Major project phases
- ● Story – Feature or functionality
- ● Task – Smaller implementation steps
- ● Bug – Errors or defects
- ○ Sub-task – Breakdown of tasks

■ Suggested Epics (Based on Your Milestones)

Epic	Description
Data Collection	Dataset gathering & validation

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Data Preprocessing	Cleaning & feature engineering
Model Development	ML training & evaluation
API Integration	Backend & model API
Web Integration	Frontend & deployment

Sprint Planning Structure

◆ Sprint Duration

- 2 Weeks per Sprint
- Total: 4–5 Sprints (Project Phase)

◆ Sprint Workflow

1. Create Sprint in Backlog
2. Add Stories/Tasks to Sprint
3. Assign Tasks to Interns
4. Set Priority (High/Medium/Low)
5. Estimate Story Points
6. Start Sprint

Workflow Status Configuration

Customize workflow:

- ● To Do
- ● In Progress
- ● In Review
- ● Done
- ● Blocked

This ensures transparent tracking of task movement.

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Agile Boards in Jira

1 Scrum Board

Used for:

- Sprint planning
- Daily standups
- Tracking sprint progress

2 Kanban Board (Optional)

Used for:

- Continuous workflow
- API & bug tracking

Agile Reports for Monitoring

Jira provides built-in reports:

-  Burndown Chart – Sprint progress tracking
-  Velocity Chart – Team performance
-  Sprint Report – Completed vs pending work
-  Bug Report – Defect tracking

Mentors can review reports weekly to evaluate progress.

Role-Based Access

Define permissions:

Role	Responsibilities
Project Admin	Configure board & workflow
Scrum Master	Sprint planning & review
Developer (Intern)	Task implementation
Reviewer	Code & feature review

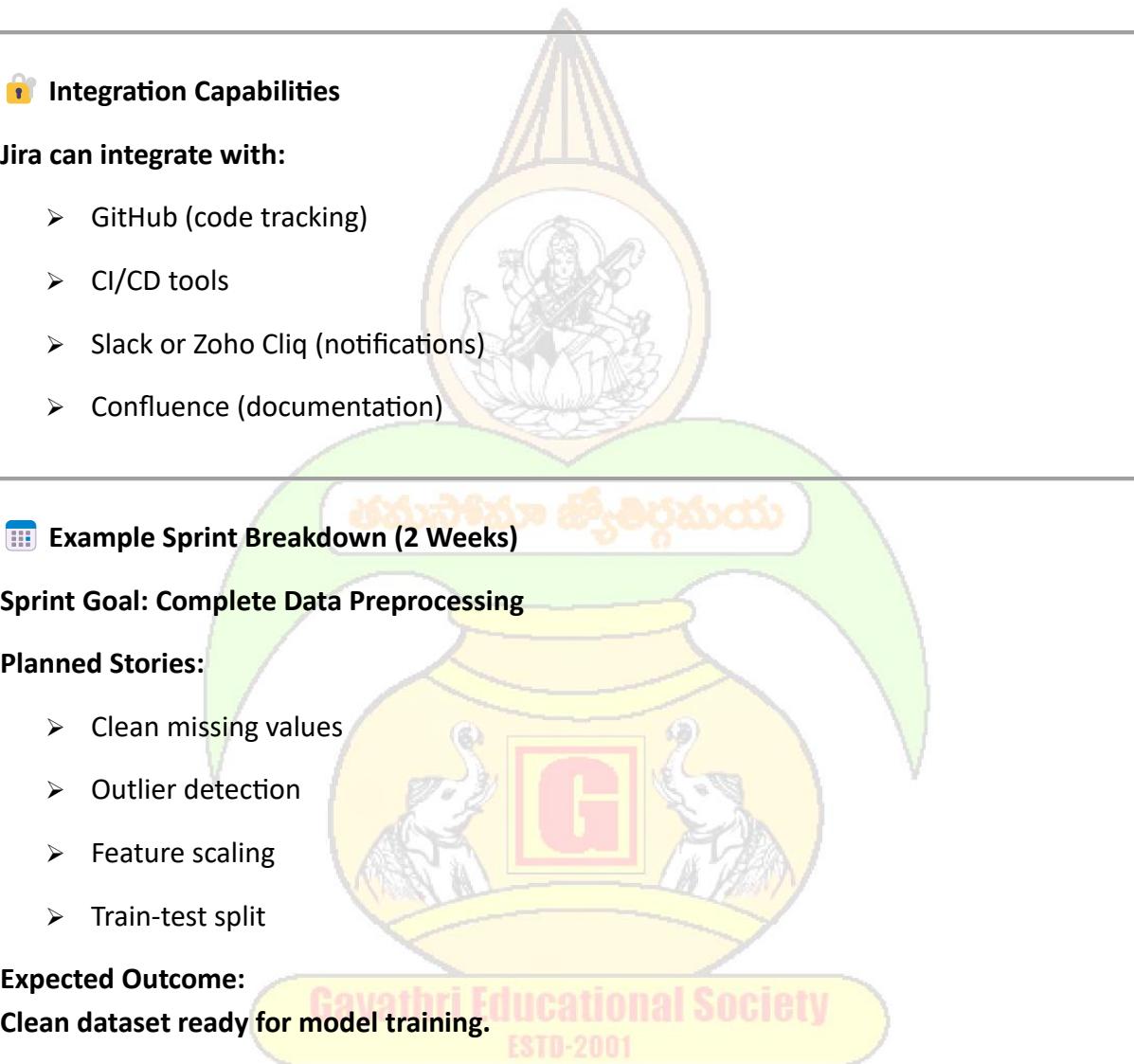
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Daily Standup Format (Using Jira Board)

Each intern updates:

- What was completed yesterday
- What will be done today
- Any blockers

Tasks must be moved across workflow stages accordingly.



Benefits of Using Jira

- Structured Agile Planning
- Clear Accountability
- Transparent Sprint Tracking

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- Performance Analytics
 - Real-time Status Visibility
 - Industry-standard project management tool
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📌 Final Outcome

By implementing Jira for Agile planning, the internship project will follow:

- Scrum-based sprint execution
- Organized backlog management
- Efficient task delegation
- Measurable progress tracking
- Professional software development workflow

