

## Project Planning and Development Tool

<b>Team ID</b>	PNT2022TMID28579
<b>Project Name</b>	SmartFarmer – IoT Enabled Smart Farming Application

## Tool Used :- ATlassian JIRA (SCRUM)

The screenshot displays the Atlassian Jira interface for a project named "Smart Farmer Development Phase". The top navigation bar includes the Jira logo, "Your work", "Projects", "Filters", "Dashboards", "People", "Apps", and a "Create" button. A search bar is located on the right. The left sidebar shows the project name and a list of navigation options under "PLANNING" (Roadmap, Backlog, Board) and "DEVELOPMENT" (Code). The main area shows the "Backlog" for the project. It features a search bar, a filter icon, a red circle with an 'S', a group icon, and a dropdown menu set to "Epic". An "Insights" button is also present. The backlog is organized into sprints. The first sprint, "SFDP Sprint 1" (25 Oct – 29 Oct), has 4 issues. The second sprint, "SFDP Sprint 2" (31 Oct – 7 Nov), also has 4 issues. The issues are listed with their status (e.g., "IN PROGRESS", "TO DO") and assigned users. A "Quickstart" button is visible at the bottom right of the sprint list.

Projects / Smart Farmer Development Phase

### Backlog

Search [ ] S [ ] Epic ▾ Insights [ ]

▼ SFDP Sprint 1 25 Oct – 29 Oct (4 issues) 0 0 0 Complete sprint [ ]

Develop application Improving team work and collaboration in project Analysing various features

- SFDP-1 Sprint Introduction and Project Meeting - 1 IN PROGRESS S
- SFDP-2 Connect sensors, Arduino and esp8266 TO DO [ ]
- SFDP-3 Develop an application with MIT App inventor (Login page with firebase) TO DO [ ]
- SFDP-4 Mentor Meeting and Project Meeting -2 TO DO [ ]

+ Create issue

▼ SFDP Sprint 2 31 Oct – 7 Nov (4 issues) 0 0 0 Quickstart [ ]



Smart Farmer Develop...  
Software project

## PLANNING



Roadmap



Backlog



Board

## DEVELOPMENT



Code



Project pages



Add shortcut



Project settings

You're in a team-managed project

[Learn more](#)

Projects / Smart Farmer Development Phase

## Backlog



Epic ▾

Insights

## ▼ SFDP Sprint 2 31 Oct – 7 Nov (4 issues)

0 0 0

Start sprint



SFDP-5 Sprint 2 Introduction and Project Meeting - 3

TO DO ▾



SFDP-6 Connect the hardware with IBM Cloud and API Integration

TO DO ▾



SFDP-7 Application development for project

TO DO ▾



SFDP-8 Mentor Meeting and Project Meeting - 4

TO DO ▾



+ Create issue



## ▼ SFDP Sprint 3 9 Nov – 13 Nov (4 issues)

0 0 0

Quickstart





Smart Farmer Develop...  
Software project

## PLANNING



Roadmap



Backlog



Board

## DEVELOPMENT



Code



Project pages



Add shortcut



Project settings

You're in a team-managed project

[Learn more](#)

Projects / Smart Farmer Development Phase

## Backlog



Epic

Insights

## ▼ SFDP Sprint 3 9 Nov – 13 Nov (4 issues)

0 0 0

Start sprint



SFDP-9 Sprint 3 Introduction and Project Meeting - 5

TO DO



SFDP-10 Establishing Node-Red connection

TO DO



SFDP-11 Connecting application with Node-Red and further application development

TO DO



SFDP-12 Mentor Meeting and Project Meeting - 6

TO DO



+ Create issue

## ▼ SFDP Sprint 4 15 Nov – 17 Nov (4 issues)

0 0 0

Quickstart



Jira navigation bar: Your work ▾ Projects ▾ Filters ▾ Dashboards ▾ People ▾ Apps ▾ Create

Search:

Smart Farmer Development Phase  
Software project

PLANNING

- Roadmap
- Backlog
- Board

DEVELOPMENT

- Code

Project pages

Add shortcut

Project settings

You're in a team-managed project  
[Learn more](#)

Projects / Smart Farmer Development Phase

## Backlog

S Epic ▾ Insights

SFDP Sprint 4 15 Nov – 17 Nov (4 issues) 0 0 0 Start sprint ⋮

SFDP-13 Sprint 4 Introduction and Project Meeting - 7	TO DO ▾	
SFDP-14 Testing the developed hardware and software	TO DO ▾	
SFDP-15 Mentor Meeting and Project Meeting - 8	TO DO ▾	
SFDP-16 Final Deliverables Work	TO DO ▾	

+ Create issue

Backlog (0 issues) 0 0 Quickstart x

Further things will be shared in project development phase