

# SMART WEATHER PROJECT (With Jira)

## 1. Create 5 epics -

The screenshot displays the Jira interface for the 'SMART WEATHER PROJECT'. On the left, the 'Epic' sidebar is open, showing a list of five epics under the heading 'Issues without epic':

- > ☐ Integration with public weather services
- > ☐ Database handling to store weather data
- > ☐ Access controls for Users
- > ☐ Aggregating data from multiple service providers
- > ☐ Create Apps for Android and iOS

On the right, the 'SW Sprint 1' board is visible. The sprint header shows 'SW Sprint 1' with a dropdown arrow, 'Add dates' with a pencil icon, '(0 issues)', and three progress indicators (0, 0, 0). A 'Start sprint' button and a three-dot menu are also present. Below the header, a dashed box contains the 'Plan your sprint' section, which includes an illustration of a sailboat and the text: 'Drag issues from the **Backlog** section, or create new issues, to plan the work for this sprint. Select **Start sprint** when you're ready.'

Below the 'Plan your sprint' section is a '+ Create issue' button. A separator line with a double-headed arrow is positioned below the sprint board. At the bottom, the 'Backlog (0 issues)' section is shown, featuring a 'Create sprint' button and a dashed box with the text 'Your backlog is empty.'

## Epic with 15 User Stories

The screenshot displays the Jira interface for an Epic titled "Epic". On the left, a sidebar lists the issues within the epic, including "Integration with public weather services", "Database handling to store weather data", "Access controls for Users", "Aggregating data from multiple service providers", and "Create Apps for Android and iOS". The main area shows the "Backlog (15 issues)" with a total of 121 points. The backlog items are listed as follows:

Issue ID	Summary	Label	Points	Status	Assignee
SW-6	Re...	ACCESS CONTROLS FOR USERS	10	TO DO	
SW-8	...	DATABASE HANDLING TO STOR...	10	TO DO	
SW-9	I...	INTEGRATION WITH PUBLIC WE...	10	TO DO	
SW-10	Checking ...	AGGREGATING DATA FROM MUL...	10		
SW-11	Weather forec...	PORTAL AND APPS FEATURES	10		
SW-12	Se...	PORTAL AND APPS FEATURES	10	TO DO	
SW-13	Satellite imag...	PORTAL AND APPS FEATURES	10		
SW-14	Show time-la...	PORTAL AND APPS FEATURES	10		
SW-15	Regulation...	CREATE APPS FOR ANDROID AN...	7		
SW-16	add customer ...	PORTAL AND APPS FEATURES	4		

### 2. Created Jira account and Scrum Project named - "Smart Weather"

### 3. Backlog entered with Epic, stories and sub-tasks.

Epic

Issues without epic

- > Integration with public weather services
- > Database handling to store weather data
- > Access controls for Users
- > Aggregating data from multiple service providers
- > Create Apps for Android and iOS

+ Create Epic

SW Sprint 1

20 Sep – 24 Sep

(4 issues)

29 0 0

Complete sprint

SW-8 ... DATABASE HANDLING TO STOR... 10 TO DO

SW-9 INTEGRATION WITH PUBLIC WE... 10 TO DO

SW-19 Cre... PORTAL AND APPS FEATURES 4 TO DO

SW-21 Check Legal/ Regulatory informa... 5 TO DO

+ Create issue

SW Sprint 2

25 Sep – 29 Sep

(3 issues)

27 0 0

Start sprint

SW-11 ... PORTAL AND APPS FEATURES 10 TO DO

SW-12 Se... PORTAL AND APPS FEATURES 10 TO DO

SW-15 ... CREATE APPS FOR ANDROID AN... 7 TO DO

Integration with pub... / SW-9

1

Share

More

### Integrating with public weather services

To Do

Description

- Building integration with public weather services
- Aggregating and reconciling the data in our database

Child issues






Order by

0% Done

SW-23 Check feasibility of ... TO DO

SW-24 Data flow diagram ... TO DO

SW-25 Aaareeatina and Re... TO DO

- 
Reports
- 
Code
- 
Project pages
- 
Add shortcut
- 
Project settings

TO DO



### You haven't started a sprint

You can't do anything on your board because you haven't started a sprint yet. Go to the backlog to plan and start a sprint.

Go to Backlog

IN PROGRESS

#### 4. Tentative release plan, by assigning the stories to three sprints.

Sprint 1 and Sprint 2 considering story point close to 40 —

The screenshot displays the Jira interface for managing an Epic and its associated Sprints. On the left, an 'Epic' sidebar lists six issues: 'Integration with public weather services', 'Database handling to store weather data', 'Access controls for Users', 'Aggregating data from multiple service providers', and 'Create Apps for Android and iOS'. The main area shows two Sprints. 'SW Sprint 1' (20 Sep – 24 Sep) has 5 issues with a total of 39 story points (0 completed, 0 in progress). 'SW Sprint 2' (25 Sep – 29 Sep) has 5 issues with a total of 41 story points (0 completed, 0 in progress). Each issue card includes a key (e.g., SW-8), a title, a story point value, a status (e.g., TO DO), and an assignee icon.

Sprint	Issue Key	Issue Title	Story Points	Status	Assignee
SW Sprint 1 (20 Sep – 24 Sep)	SW-8	DATABASE HANDLING TO STOR...	10	TO DO	
	SW-9	INTEGRATION WITH PUBLIC WE...	10	TO DO	
	SW-19	Cre... PORTAL AND APPS FEATURES	4	TO DO	
	SW-21	Check Legal/ Regulatory informa...	5	TO DO	
	SW-11	PORTAL AND APPS FEATURES	10	TO DO	
SW Sprint 2 (25 Sep – 29 Sep)	SW-12	Se... PORTAL AND APPS FEATURES	10	TO DO	
	SW-15	CREATE APPS FOR ANDROID AN...	7	TO DO	

Sprint 3 with story point close to 40 -

Epic

weather services

> Database handling to store weather data

> Access controls for Users

> Aggregating data from multiple service providers

> Create Apps for Android and iOS

> Portal and Apps features

SW-16 add... PORTAL AND APPS FEATURES 4 TO DO

SW-20 Ir AGGREGATING DATA FROM MUL... 10 TO DO

+ Create issue

SW Sprint 3 30 Sep – 4 Oct (5 issues) 41 0 0 Start sprint

SW-17 ... CREATE APPS FOR ANDROID AN... 7 TO DO

SW-13 Sat... PORTAL AND APPS FEATURES 10 TO DO

SW-18 Cre... PORTAL AND APPS FEATURES 4 TO DO


SW-14 Sh... PORTAL AND APPS FEATURES 10 TO DO

SW-10 C AGGREGATING DATA FROM MUL... 10 TO DO

+ Create issue

## 5. Start and complete one sprint.



Start Sprint



 Insights



▼ SW Sprint 1 20 Sep – 24 Sep (5 issues)



3900



Complete sprint

 SW-8 Create Schema and database based on location DATABASE HANDLING TO STOR... 10 TO DO ▼ 

 SW-9 Integrating with public weather services INTEGRATION WITH PUBLIC WE... 10 TO DO ▼ 

 SW-19 Create prototype of complete project PORTAL AND APPS FEATURES 4 TO DO ▼ 

 SW-21 Check Legal/ Regulatory information for taking the project 5 TO DO ▼ 


 SW-11 Weather forecast availability based on location PORTAL AND APPS FEATURES 10 TO DO ▼ 


+ Create issue


▼ SW Sprint 2 25 Sep – 29 Sep (5 issues)


4100


Start sprint


 **Smart Weather**  
Software project


 Roadmap


 Backlog


 **Board**

 Reports

 Code

 Project pages

 Add shortcut


 Project settings

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Projects / Smart Weather

# SW Sprint 1



SA



Epic ▾

0 days

GR



TO DO

IN PROGRESS

DONE 5 ISSUES ✓



Integrating with public weather services

INTEGRATION WITH PUBLIC WE...

 SW-9 ✓  10



Weather forecast availability based on location

PORTAL AND APPS FEATURES

 SW-11 ✓  10

Create prototype of complete project

PORTAL AND APPS FEATURES

 SW-19 ✓  4

Create Schema and database

Done Status Sprint -

Complete sprint



All issues in sprint have been completed

#### Completed issues

[View in issue navig](#)

Key	Summary	Issue type	Epic	Status	Assignee	Story points
SW-21	Check Legal/ Regulatory information for taking the proj...	Story		DONE		5
SW-19	Create prototype of complete project	Story	PORTAL AND AP...	DONE		4
SW-9	Integrating with public weather services	Story	INTEGRATION W...	DONE		10
SW-8	Create Schema and datab	Story	DATABASE HAN...	DONE		10
SW-11	Weather forecast availability based on location	Story	PORTAL AND AP...	DONE		10

6. Screenshots of: Epics, Backlog, release plan, and Scrum board with tasks in various states.

Screenshot of Epics, Backlog, Scrum board with task in both to Do state and In- Progresssstate

Projects / Smart Weather

## Backlog

SA SA SA Epic ▾ Insight

Epic

Issues without epic

> Integration with public weather services

> Database handling to store weather data

> Access controls for Users

> Aggregating data from multiple service providers

> Create Apps for Android and iOS

SW Sprint 2 24 Sep – 29 Sep (5 issues) 14 27 0 Complete sprint

SW-12 Seasonal forecasting availability on the por... PORTAL AND APPS FEATURES 10 IN PROGRESS

SW-15 Regulations to see apps deployment CREATE APPS FOR ANDROID AN... 7 IN PROGRESS

SW-6 Registration for both free and paid users ACCESS CONTROLS FOR USERS 10 IN PROGRESS

SW-16 add customer feedback PORTAL AND APPS FEATURES 4 TO DO

SW-20 Integrating payment from the user to our sys... AGGREGATING DATA FROM MUL... 10 TO DO

+ Create issue

SW Sprint 3 30 Sep – 4 Oct (5 issues) 41 0 0 Start sprint

SW-17 Publish API or Services for client apps CREATE APPS FOR ANDROID AN... 7 TO DO

SW-13 Satellite images provision PORTAL AND APPS FEATURES 10 TO DO



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Projects / Smart Weather

## SW Sprint 2



  Epic ▾

### TO DO 2 ISSUES

add customer feedback

PORTAL AND APPS FEATURES

 SW-16

4

Integrating payment from the user to our system

AGGREGATING DATA FROM MUL...

 SW-20

10

### IN PROGRESS 3 ISSUES

Seasonal forecasting availability on the portal and both the apps

PORTAL AND APPS FEATURES

 SW-12

10

Regulations to see apps deployment

CREATE APPS FOR ANDROID AN...

 SW-15

7

Registration for both free and paid users

ACCESS CONTROLS FOR USERS

 SW-6

10

DONE ✓

## Scrum board with Done status of Sprint1 -

The screenshot shows a Jira Scrum board for the 'Smart Weather' project. The board is titled 'SW Sprint 1' and has three columns: 'TO DO', 'IN PROGRESS', and 'DONE 5 ISSUES'. The 'DONE' column contains three issues:

- Issue SW-9: 'Integrating with public weather services' (Integration with public weather services). Status: Done. Assignee: SA. Priority: 10.
- Issue SW-11: 'Weather forecast availability based on location' (Portal and apps features). Status: Done. Assignee: SA. Priority: 10.
- Issue SW-19: 'Create prototype of complete project' (Portal and apps features). Status: Done. Assignee: SA. Priority: 4.

The 'Create Schema and database' issue is also visible at the bottom of the 'DONE' column.

## Screenshot of Release Plan -

The screenshot shows a Jira Release Plan for the 'Smart Weather' project. The plan is titled 'Releases' and has a table with the following columns: Version, Status, Progress, Start date, Release date, and Description.

Version	Status	Progress	Start date	Release date	Description
Release1	UNRELEASED		Sep 20, 2021	Oct 31, 2021	Smart weather Implementation