

SMART WEATHER PROJECT (With Jira)

1. Create 5 epics -

The screenshot displays the Jira interface for the 'SMART WEATHER PROJECT'. At the top, there is a search bar, user avatars, and a dropdown menu set to 'Epic'. An 'Insights' button is located in the top right corner.

On the left, the 'Epic' sidebar is open, showing a list of 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

The main area shows the 'SW Sprint 1' view. It includes a header with 'Add dates', '(0 issues)', and three status indicators (0, 0, 0). A 'Start sprint' button is present. Below the header, a dashed box contains the instruction: 'Plan your sprint. Drag issues from the **Backlog** section, or create new issues, to plan the work for this sprint. Select **Start sprint** when you're ready.' A '+ Create issue' button is located at the bottom of this section.

Below the sprint view, the 'Backlog (0 issues)' section is visible, featuring a 'Create sprint' button and a message: '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" with 15 issues. The issues are listed with their IDs, titles, labels, and priorities. The issues are:

- 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)

The interface also includes a search bar, user avatars, and a "Create sprint" button.

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 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 storypoint close to 40 —

The screenshot displays the Jira interface for managing an Epic and its associated Sprints. On the left, an 'Epic' sidebar lists five 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) is currently active, with a total of 39 story points and 5 issues. It lists issues SW-8, SW-9, SW-19, SW-21, and SW-11, each with its story points and status (all 'TO DO'). 'SW Sprint 2' (25 Sep - 29 Sep) is upcoming, with a total of 41 story points and 5 issues, showing the first two issues: SW-12 and SW-15.

Sprint	Start Date	End Date	Issues	Story Points	Status
SW Sprint 1	20 Sep	24 Sep	5	39	Complete sprint
SW Sprint 2	25 Sep	29 Sep	5	41	Start sprint

Issue ID	Issue Name	Story Points	Status
SW-8	DATABASE HANDLING TO STOR...	10	TO DO
SW-9	INTEGRATION WITH PUBLIC WE...	10	TO DO
SW-19	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-12	PORTAL AND APPS FEATURES	10	TO DO
SW-15	CREATE APPS FOR ANDROID AN...	7	TO DO

Sprint 3 with storypoint 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













 Insight

▼ 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


   0 days

   Epic 

GRC




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- Progress state -

Projects / Smart Weather

Backlog

Q

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


 **Smart Weather**
Software project


 Roadmap


 Backlog


 **Board**

 Reports

 Code

 Project pages

 Add shortcut

 Project settings



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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 ✓

Scrumboard with Done status of Sprint1 -

The screenshot shows a Jira Scrumboard for the 'Smart Weather' project. The left sidebar contains navigation links: Roadmap, Backlog, Board (selected), Reports, Code, Project pages, Add shortcut, and Project settings. The main area is titled 'SW Sprint 1' and includes a search bar, user avatars, and an 'Epic' dropdown. The board is divided into three columns: 'TO DO', 'IN PROGRESS', and 'DONE 5 ISSUES'. The 'DONE' column contains three issues: 'Integrating with public weather services' (SW-9), 'Weather forecast availability based on location' (SW-11), and 'Create prototype of complete project' (SW-19). Each issue has a green checkmark and a '10' or '4' in a circle. A 'Create Schema and database' issue is partially visible at the bottom.

Projects / Smart Weather

SW Sprint 1

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

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Screenshot of Release Plan -

The screenshot shows a Jira Release Plan for the 'Smart Weather' project. The top navigation bar includes 'Jira Software', 'Your work', 'Projects', 'Filters', 'Dashboards', 'People', 'Plans', 'Apps', and a 'Create' button. The main area is titled 'Releases' and includes a search bar and a 'Create version' button. A table lists the release details.

Projects / Smart Weather

Releases

Unreleased

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

