

Smart Weather Project



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PG BA - Agile Scrum Master | PGP BA FEB 2021 Cohort 1

Smart Weather

- 2 EPICS (1. Smart Weather portal, 2. LeViVa Insurance or Big Bucks Cafe) with min of 5 user stories under each EPIC.
- Create 2 different versions/releases and map the user stories to the releases.
- Create 2 sprint of 1 week each.

For project submission following items are required:

1. Screenshot of both the EPIC's.

EPIC 1 - Smart Weather Portal with user stories

The screenshot shows the Jira Software interface for the 'Smart Weather Portal ASW Project 21 / SWPAP2 board'. The left sidebar shows navigation options like 'Board', 'Roadmap', 'Backlog' (which is selected), 'Active sprints', 'Reports', 'Issues', 'Components', 'Code', 'Releases', 'Project pages', 'Add item', and 'Project settings'. The main area is titled 'Backlog' and shows 9 of 16 issues visible. A modal window titled 'EPICS' is open, displaying two entries: 'Smart Weather Portal' (with 9 issues, 0 completed, 9 unestimated, and 0 estimated) and 'Big Bucks Cafe' (with 0 issues). The backlog list includes the following items:

User Story Description	Issue Key	Priority
Creation of Schema	SWPAP2-3	↑
Show current weather	SWPAP2-4	↑
Show 5-day forecast	SWPAP2-5	↑
Provide severe weather advisory	SWPAP2-6	↑
Link to 15-day forecast	SWPAP2-7	↓
Show satellite image	SWPAP2-8	↑
Creation of a responsive site	SWPAP2-9	↑
Create apps	SWPAP2-10	↓
Aggregate the data	SWPAP2-11	↑

EPIC 2 – Big Bucks Cafe with user stories

The screenshot shows the Jira Software interface for the 'Smart Weather Portal ASM Project 21 / SWPAP2 board'. The left sidebar is collapsed, and the main area displays the 'Backlog' view. A modal window is open over the backlog, titled 'Big Bucks Cafe' under 'EPICS'. It contains a detailed description of the epic: 'SWPAP2-2 Big Bucks Cafe is the leading retail chain of premium coffee shops. It would like to use the weather data to customize its products and manage the day-to-day operations.' Below this, there are four sections: 'Issues' (7), 'Completed' (0), 'Unestimated' (7), and 'Estimate' (0). At the bottom of the modal is a link 'Create issue in epic'. The main backlog table lists 7 issues visible, each with a green checkmark icon, a title, a priority level (e.g., 'Big Bucks Cafe SWPAP2-12'), and a status (e.g., '↑'). A 'Create sprint' button is located at the top right of the backlog table.

2. Screenshot of backlog depicting the linking between user story, EPIC, and release along with the priority and estimates.

This screenshot shows the same Jira Software interface as the previous one, but the modal window now displays 'Smart Weather Portal' under 'EPICS'. The modal content is identical to the one in the first screenshot. The main backlog table shows 9 issues visible, each with a green checkmark icon, a title, a priority level (e.g., 'V 1.0 Smart Weather Portal SWPAP2-12'), and a status (e.g., '↑'). The backlog table includes columns for 'Version' (e.g., 'V 1.0'), 'Priority' (e.g., 'Big Bucks Cafe'), 'Issue ID' (e.g., 'SWPAP2-12'), and 'Status' (e.g., '↑'). A 'Quickstart' button is located at the bottom right of the backlog table.

3. Screenshot of Sprints.

Sprint 1

The screenshot shows the Jira Software interface for the Smart Weather Portal ASM Project 21 / SWPAP2 board. The left sidebar includes links for Smart Weather Portal A..., SWPAP2 board, Roadmap, Backlog, Active sprints, Reports, Issues, Components, Code, Releases, Project pages, Add item, and Project settings. The main area displays the Backlog under the SWPAP2 Sprint 1 section, which contains 9 issues. The backlog items are:

- Creation of Schema (V1.0, Smart Weather Portal, SWPAP2-3)
- Integration with smart weather services (V1.0, BigBucks Cafe, SWPAP2-12)
- Provide severe weather advisory (V1.0, Smart Weather Portal, SWPAP2-6)
- Show 5-day forecast (V1.0, Smart Weather Portal, SWPAP2-5)
- Creation of a responsive site (V1.0, Smart Weather Portal, SWPAP2-9)
- Map supply packages (V1.0, BigBucks Cafe, SWPAP2-15)
- Show current weather (V1.0, Smart Weather Portal, SWPAP2-4)
- Promotions and Pricing (V1.0, BigBucks Cafe, SWPAP2-18)
- Summer Order (V1.0, BigBucks Cafe, SWPAP2-16)

Below the backlog, there is a 'Backlog' section with 7 issues, including 'Create advertising strategy' (V2.0, BigBucks Cafe). A 'Quickstart' button is visible in the bottom right corner.

The screenshot shows the Jira Software interface for the Smart Weather Portal ASM Project 21 / SWPAP2 board. The left sidebar includes links for Smart Weather Portal A..., SWPAP2 board, Roadmap, Backlog, Active sprints, Reports, Issues, Components, Code, Releases, Project pages, Add item, and Project settings. The main area displays the Sprint Board for SWPAP2 Sprint 1, showing the deployment pipeline & release portal to production with all the mandatory features. The board has three columns: TO DO, IN PROGRESS, and DONE.

Column	Issue	Priority	Progress	Owner	Status
TO DO	Smart Weather Portal	V1.0	2	Smart Weather Portal	SWPAP2-5
IN PROGRESS	Smart Weather Portal	V1.0	3	Smart Weather Portal	SWPAP2-6
IN PROGRESS	Creation of a responsive site	V1.0	3	BigBucks Cafe	SWPAP2-9
IN PROGRESS	Map supply packages	V1.0	1	BigBucks Cafe	SWPAP2-15
IN PROGRESS	Promotions and Pricing	V1.0	2	BigBucks Cafe	SWPAP2-18
IN PROGRESS	Show current weather	V1.0	3	Smart Weather Portal	SWPAP2-4
IN PROGRESS	Summer Order	V1.0	2	BigBucks Cafe	SWPAP2-16
DONE	Smart Weather Portal	V1.0	2	Smart Weather Portal	SWPAP2-3
DONE	Integration with smart weather services	V1.0	3	BigBucks Cafe	SWPAP2-12

A 'Quickstart' button is visible in the bottom right corner.

Sprint 2

Backlog

SWPAP2 Sprint 2 7 issues

- Create advertising strategy
- Order supplies based on weather
- Winter Order
- Show satellite image
- Link to 15-day forecast
- Create apps
- Aggregate the data

Start sprint Plan sprint ...

Quickstart

SWPAP2 Sprint 2

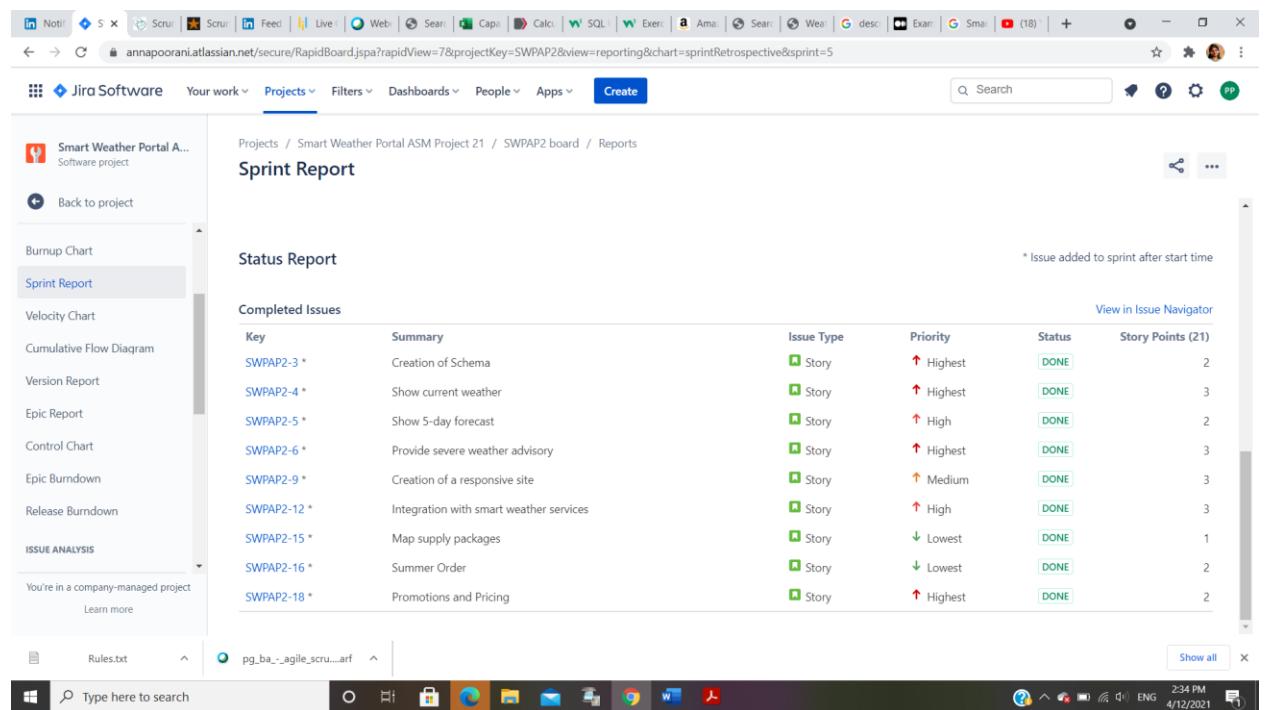
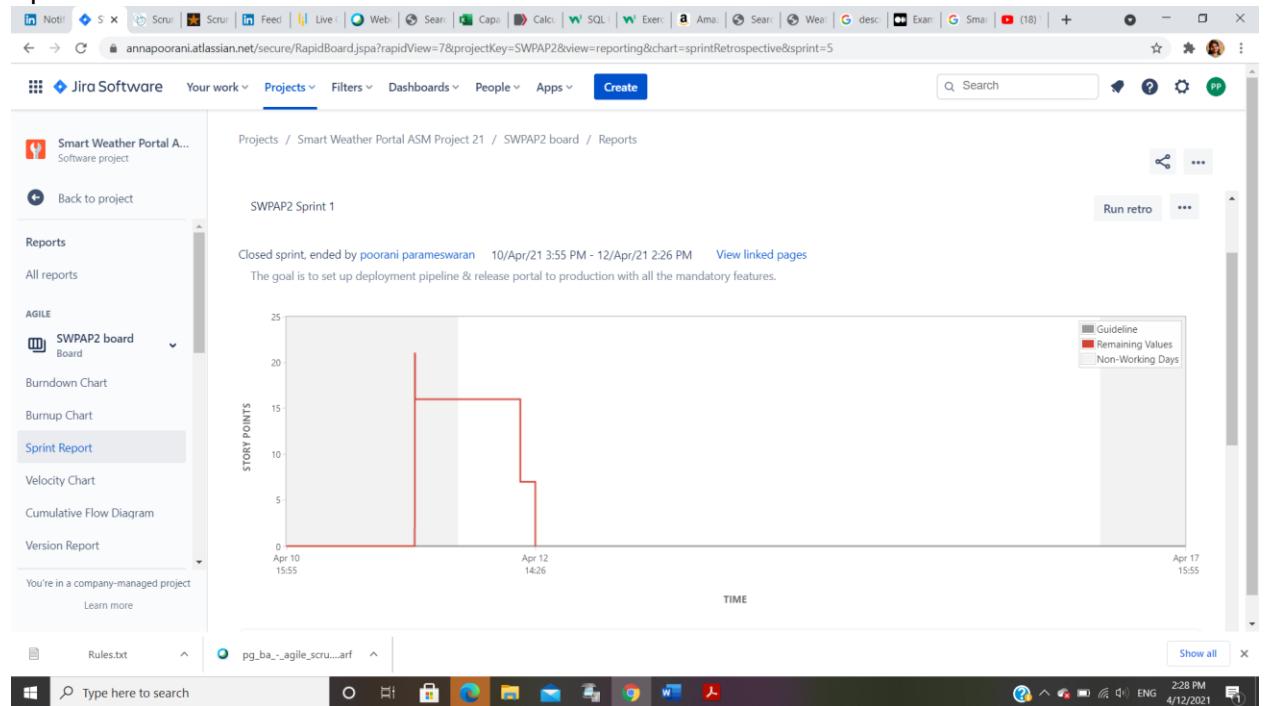
Include all the additional features in the portal and deploy them in the production.

TO DO	IN PROGRESS	DONE
Order supplies based on weather BigBucks Cafe ↓ 1 SWPAP2-14	Create advertising strategy BigBucks Cafe ↑ 2 SWPAP2-13	Create apps Smart Weather Portal ↓ 2 SWPAP2-10
Winter Order BigBucks Cafe ↓ 2 SWPAP2-17	Show satellite image Smart Weather Portal ↑ 3 SWPAP2-8	
Link to 15-day forecast Smart Weather Portal ↓ 1 SWPAP2-7	Aggregate the data Smart Weather Portal ↑ 2 SWPAP2-11	

4 days remaining Complete sprint Quickstart

4. Screenshot of both the sprint report.

Sprint 1



Sprint 2

Sprint Report

Closed sprint, ended by poorani parameswaran 12/Apr/21 2:41 PM - 13/Apr/21 1:42 PM View linked pages

Include all the additional features in the portal and deploy them in the production.

Burndown Chart

TIME	STORY POINTS
Apr 12 14:41	12.5
Apr 13 13:42	10.0
Apr 19 14:41	~1.5

Legend:

- Guideline (Grey Line)
- Remaining Values (Red Line)
- Non-Working Days (White Area)

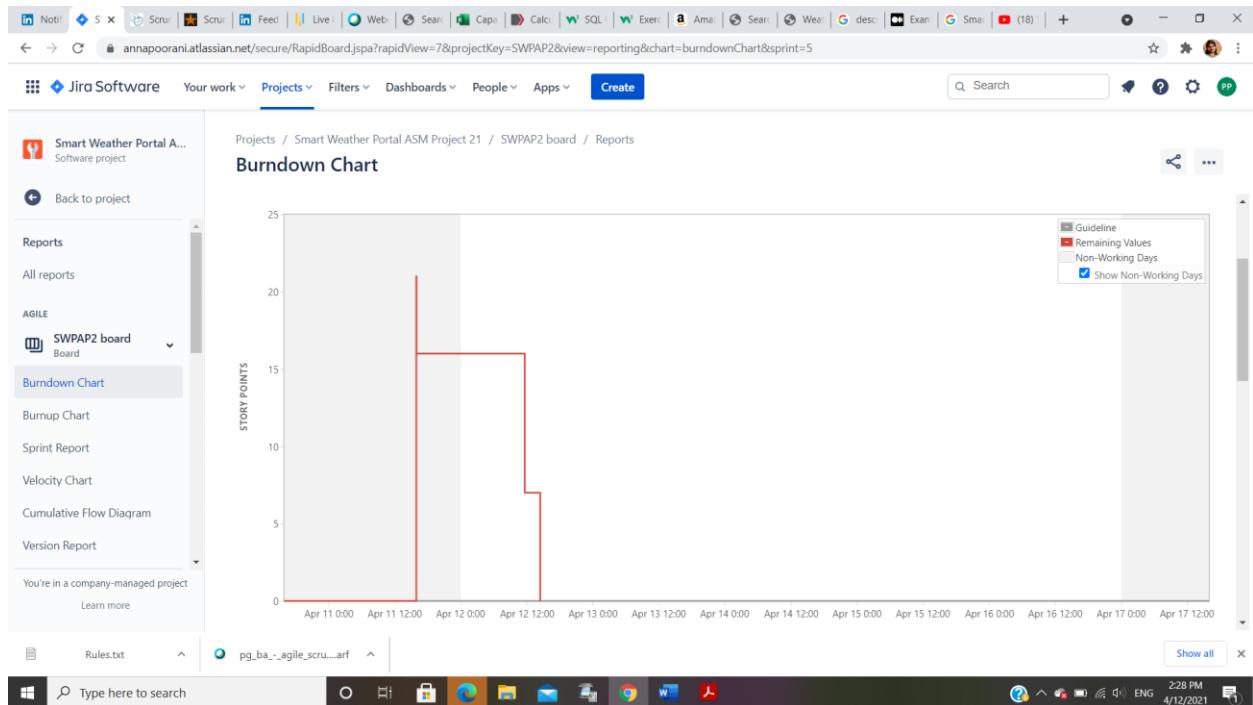
Status Report

Completed Issues

Key	Summary	Issue Type	Priority	Status	Story Points (13)
SWPAP2-7	Link to 15-day forecast	Story	↓ Low	DONE	1
SWPAP2-8	Show satellite image	Story	↑ Medium	DONE	3
SWPAP2-10	Create apps	Story	↓ Lowest	DONE	2
SWPAP2-11	Aggregate the data	Story	↑ High	DONE	2
SWPAP2-13	Create advertising strategy	Story	↑ High	DONE	2
SWPAP2-14	Order supplies based on weather	Story	↓ Low	DONE	1
SWPAP2-17	Winter Order	Story	↓ Lowest	DONE	2

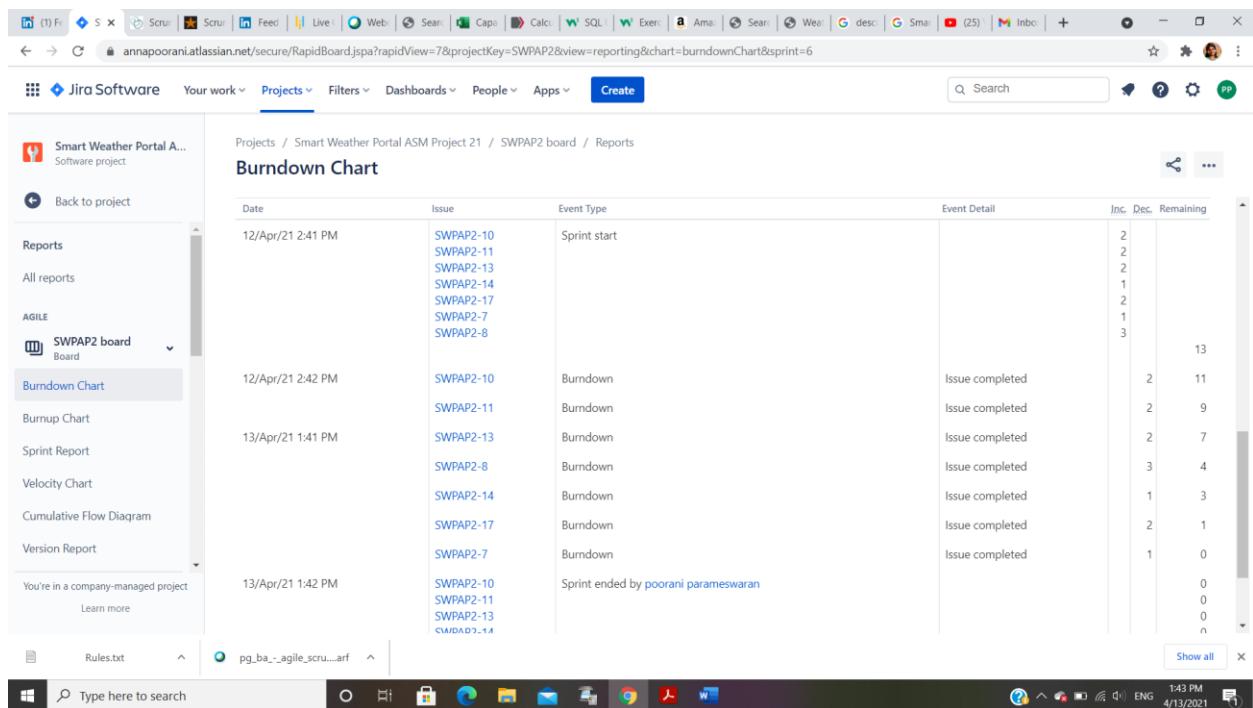
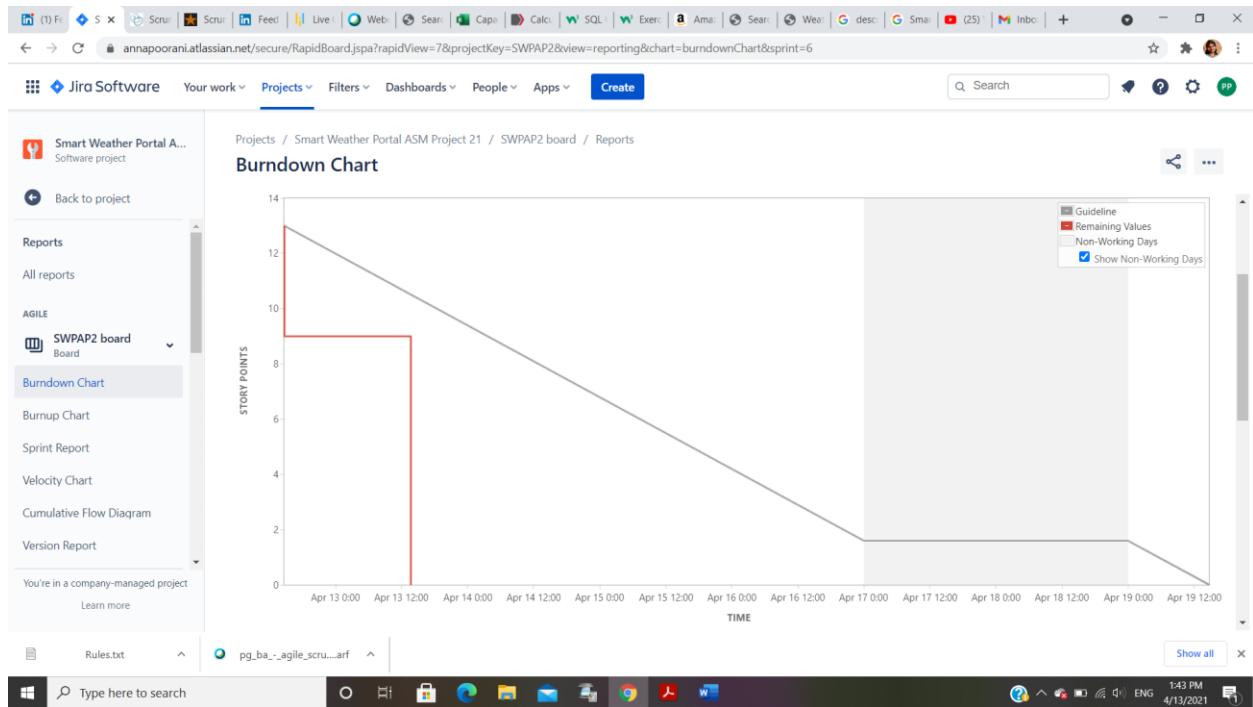
5. Screenshot of burndown chart of both the sprint.

Sprint 1



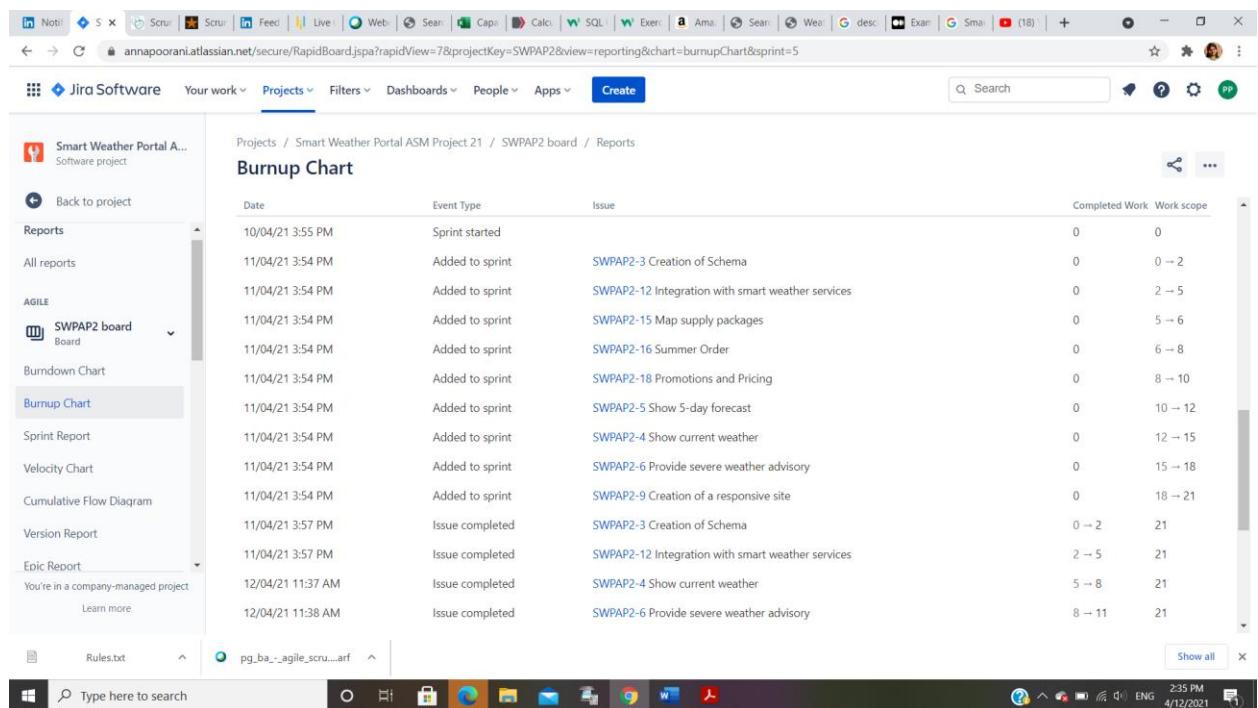
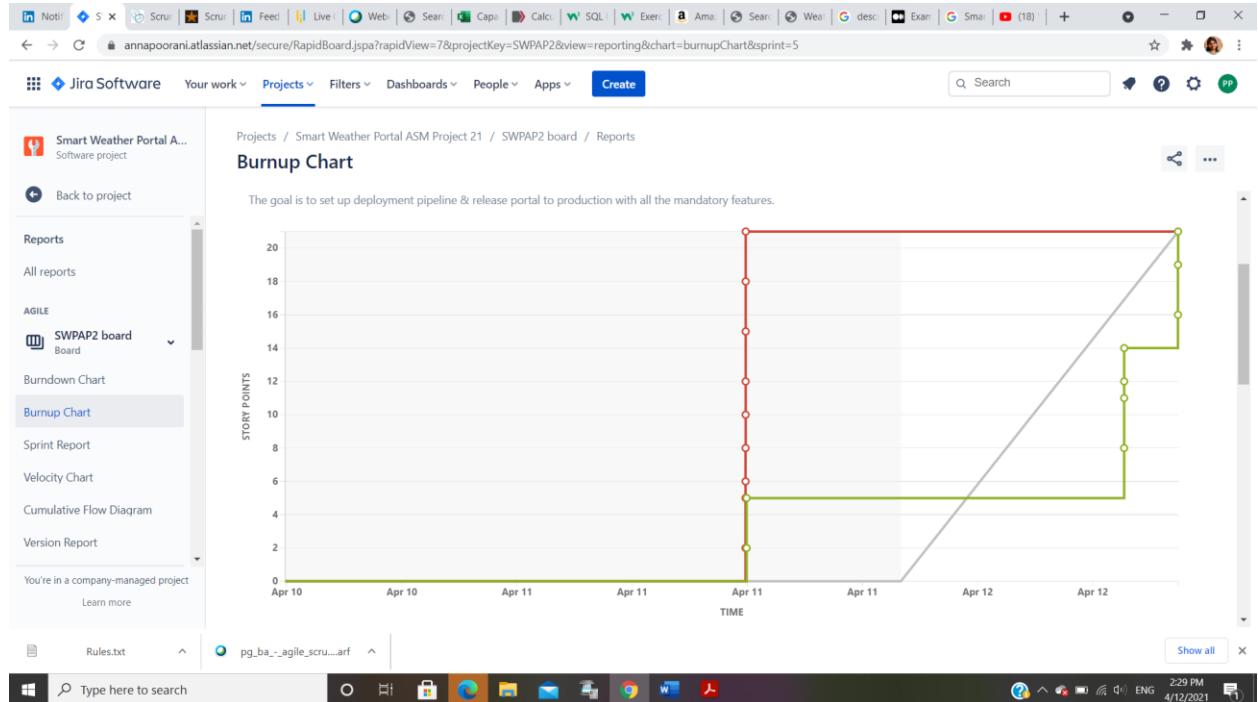
Date	Issue	Event Type	Event Detail	Inc	Dec	Remaining
10/Apr/21 3:55 PM		Sprint start				0
11/Apr/21 3:54 PM	SWPAP2-3	Scope change	Issue added to sprint	2	2	2
	SWPAP2-12	Scope change	Issue added to sprint	3	5	5
	SWPAP2-15	Scope change	Issue added to sprint	1	6	6
	SWPAP2-16	Scope change	Issue added to sprint	2	8	8
	SWPAP2-18	Scope change	Issue added to sprint	2	10	10
	SWPAP2-5	Scope change	Issue added to sprint	2	12	12
	SWPAP2-4	Scope change	Issue added to sprint	3	15	15
	SWPAP2-6	Scope change	Issue added to sprint	3	18	18
	SWPAP2-9	Scope change	Issue added to sprint	3	21	21
11/Apr/21 3:57 PM	SWPAP2-3	Burndown	Issue completed	2	19	19
	SWPAP2-12	Burndown	Issue completed	3	16	16
	SWPAP2-4	Burndown	Issue completed	3	13	13
12/Apr/21 11:38 AM	SWPAP2-6	Burndown	Issue completed	3	10	10

Sprint 2

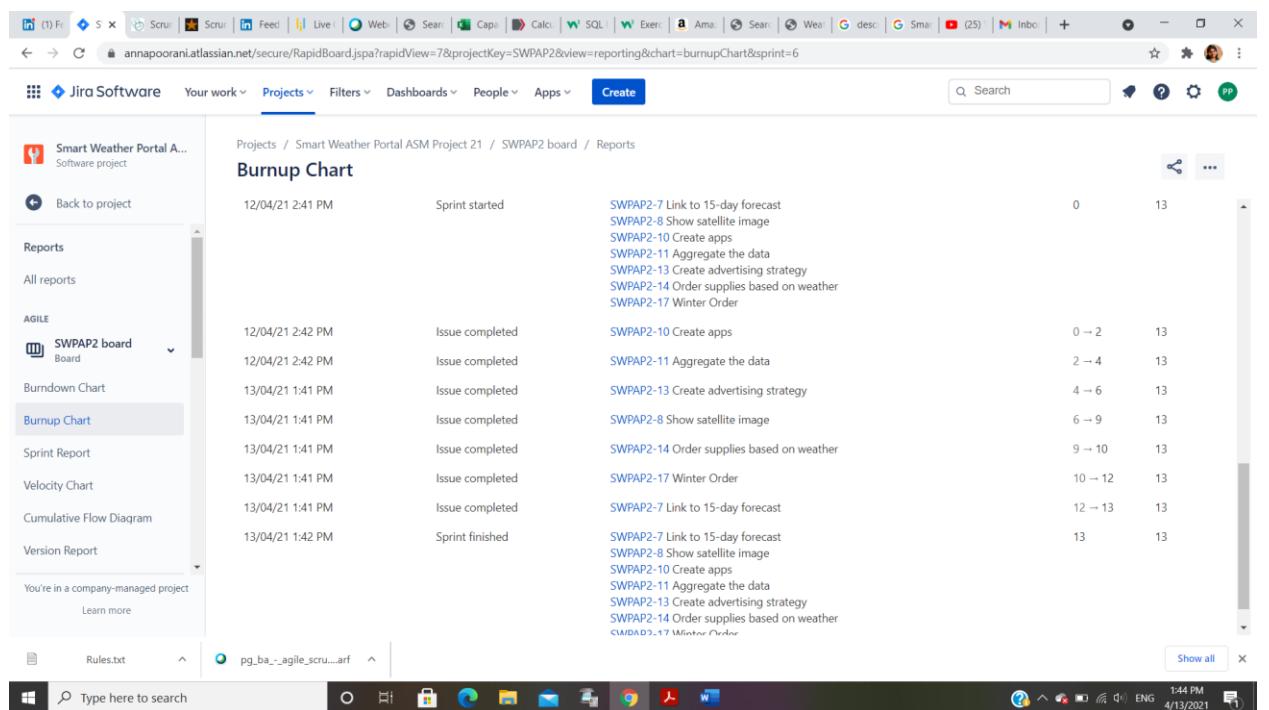
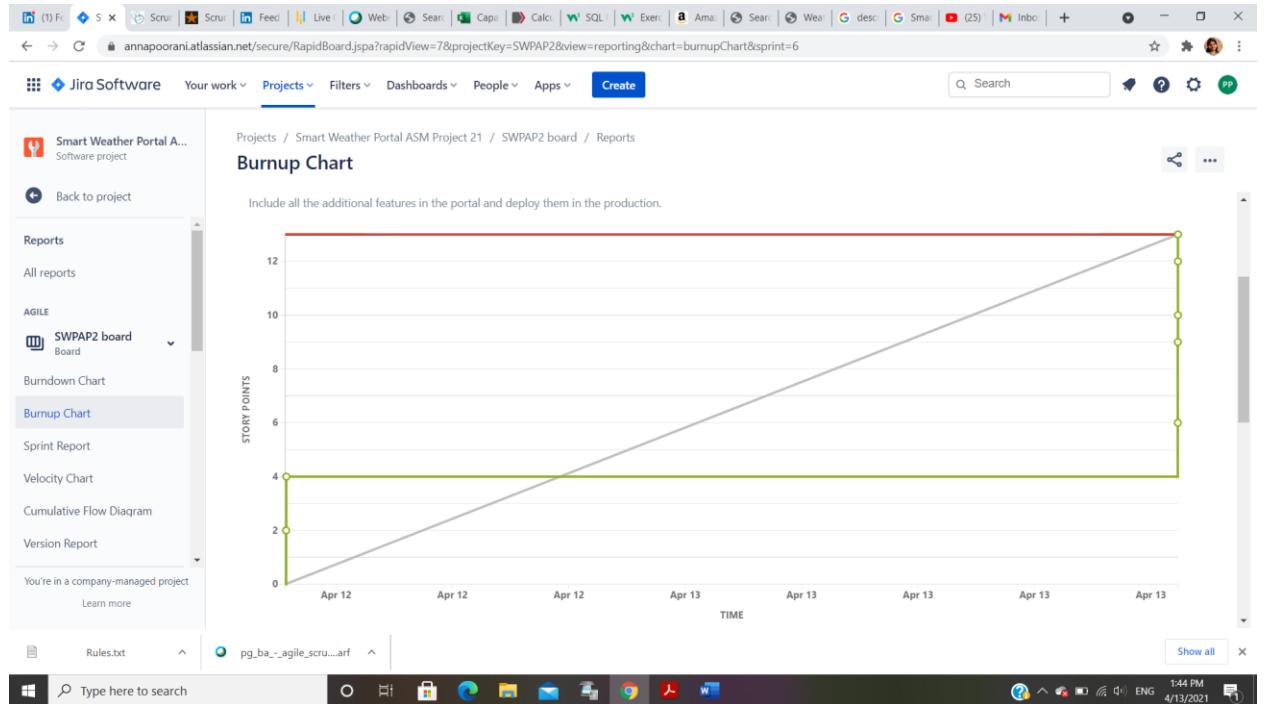


6. Screenshot of burnup chart of both the sprint.

Sprint 1

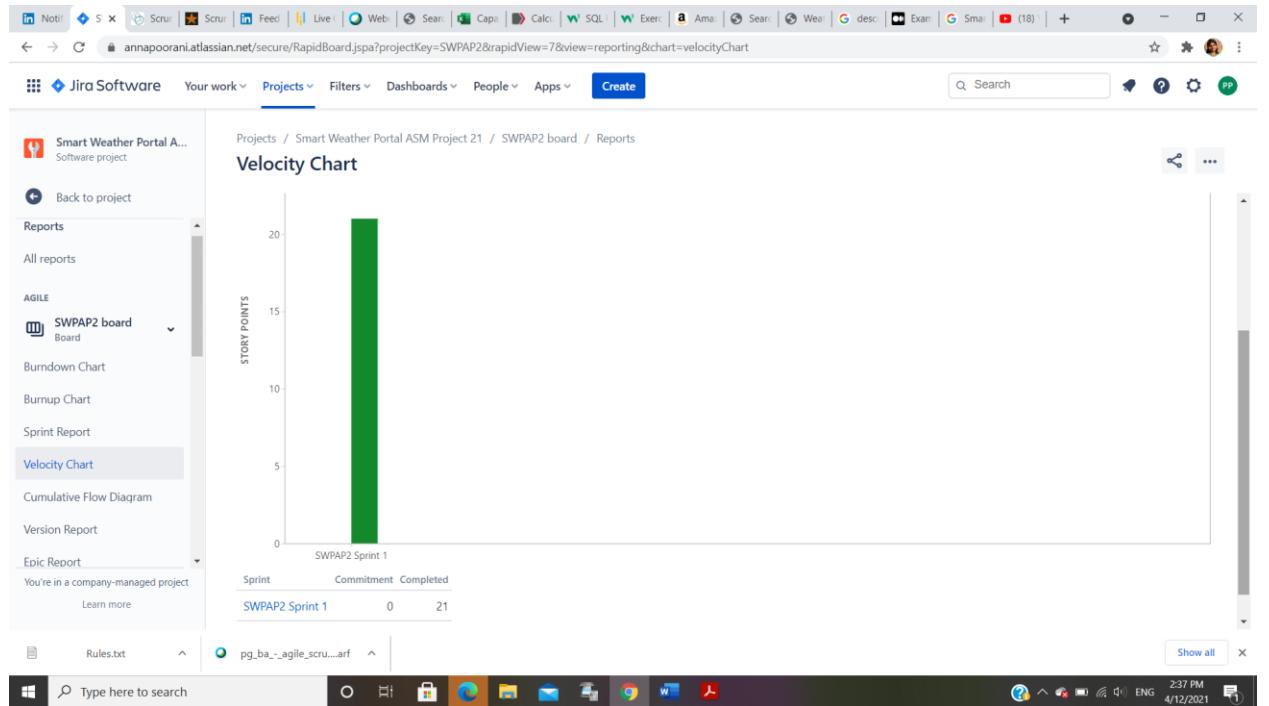


Sprint 2

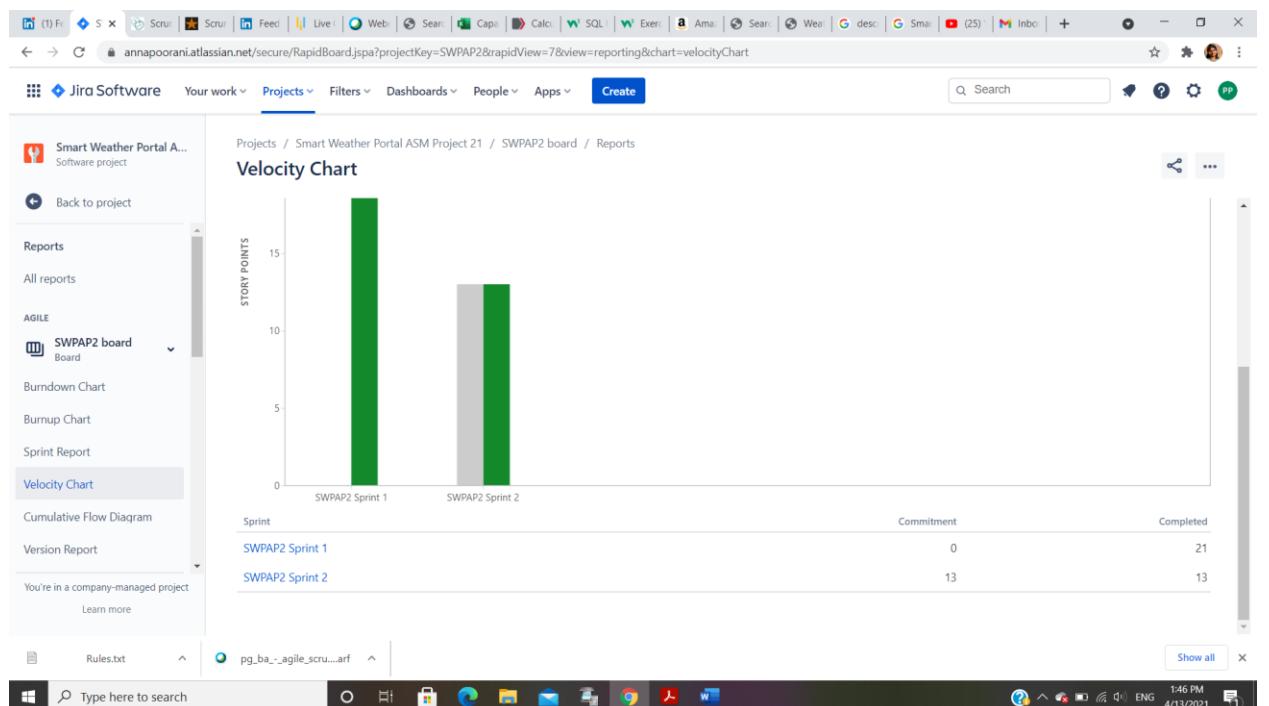


7. Screenshot of velocity report.

Sprint 1

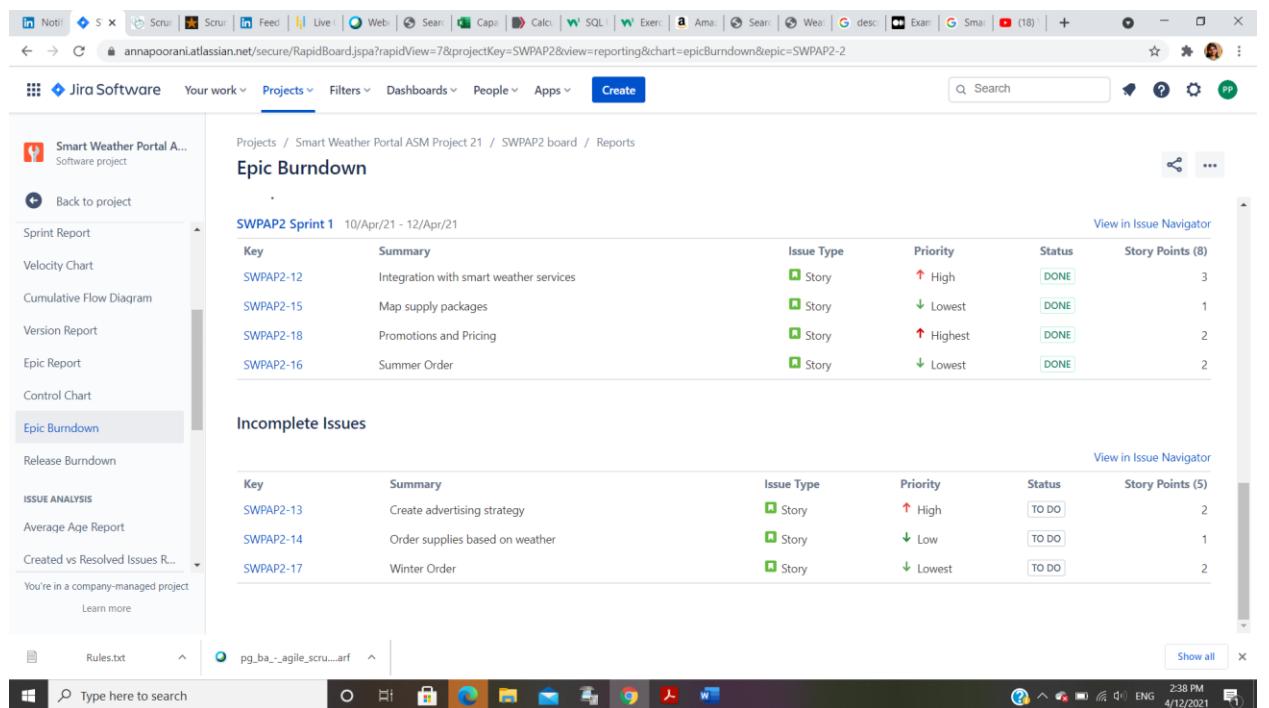
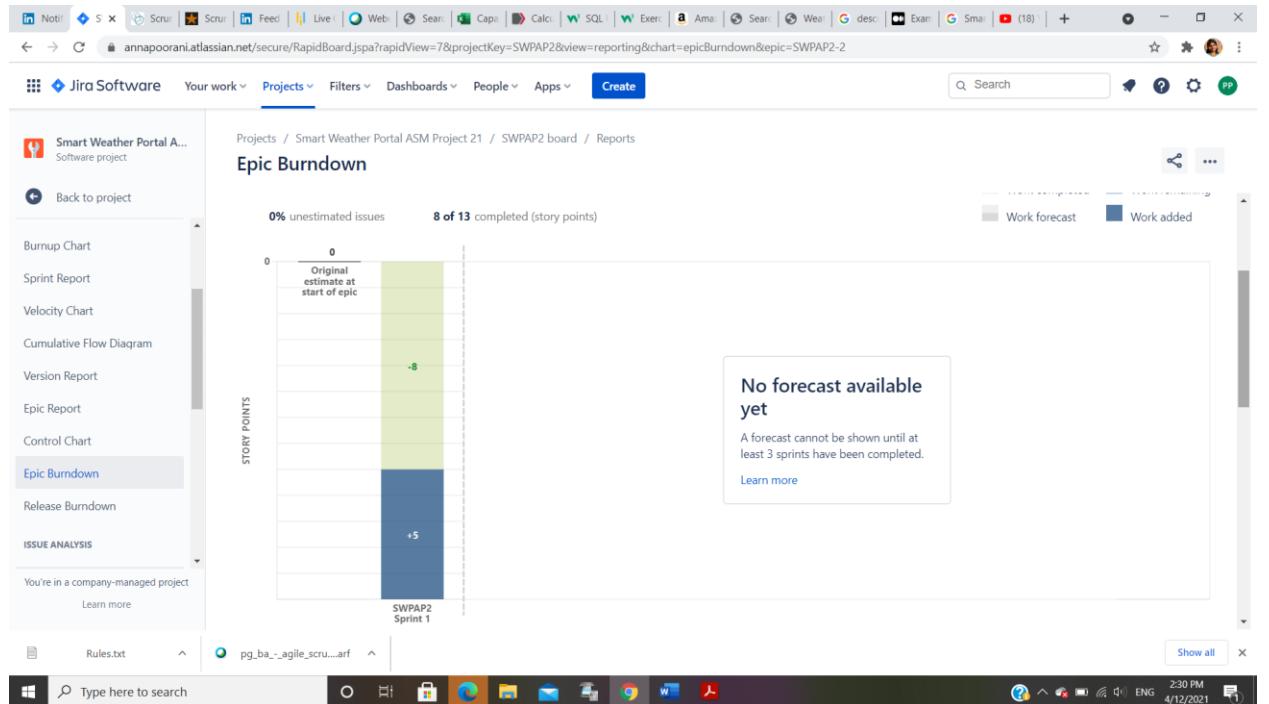


Sprint 2



8. Screenshot of EPIC burndown chart.

Sprint 1



Sprint 2

The screenshot shows the Jira Software interface for the 'Smart Weather Portal ASM Project 21 / SWPAP2 board'. The left sidebar lists various reports like Velocity Chart, Cumulative Flow Diagram, and Epic Report. The main area displays the 'Epic Burndown' chart. The chart has 'STORY POINTS' on the Y-axis and 'SPRINTS' on the X-axis. It shows two sprints: 'SWPAP2 Sprint 1' and 'SWPAP2 Sprint 2'. The initial estimate at the start of the epic is at 0. In Sprint 1, 8 story points are consumed, leaving a balance of +5. In Sprint 2, 5 more story points are consumed, leaving a balance of -5. A callout box on the right says 'No forecast available yet'.

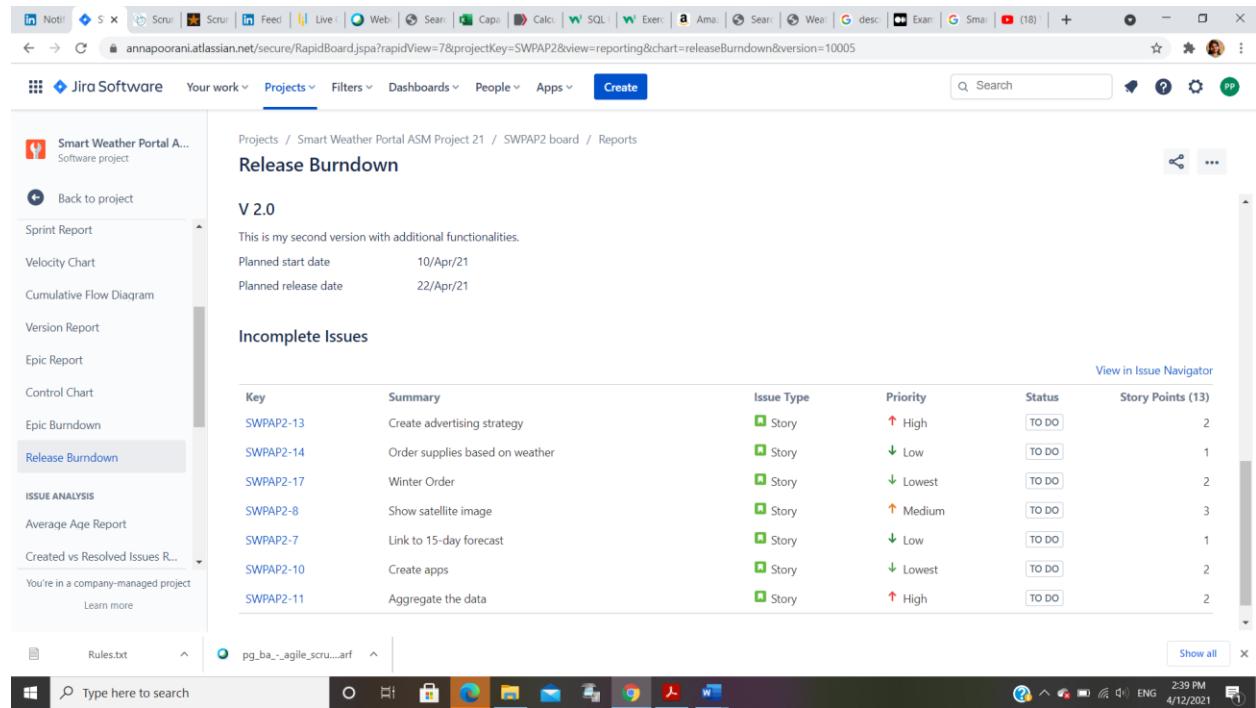
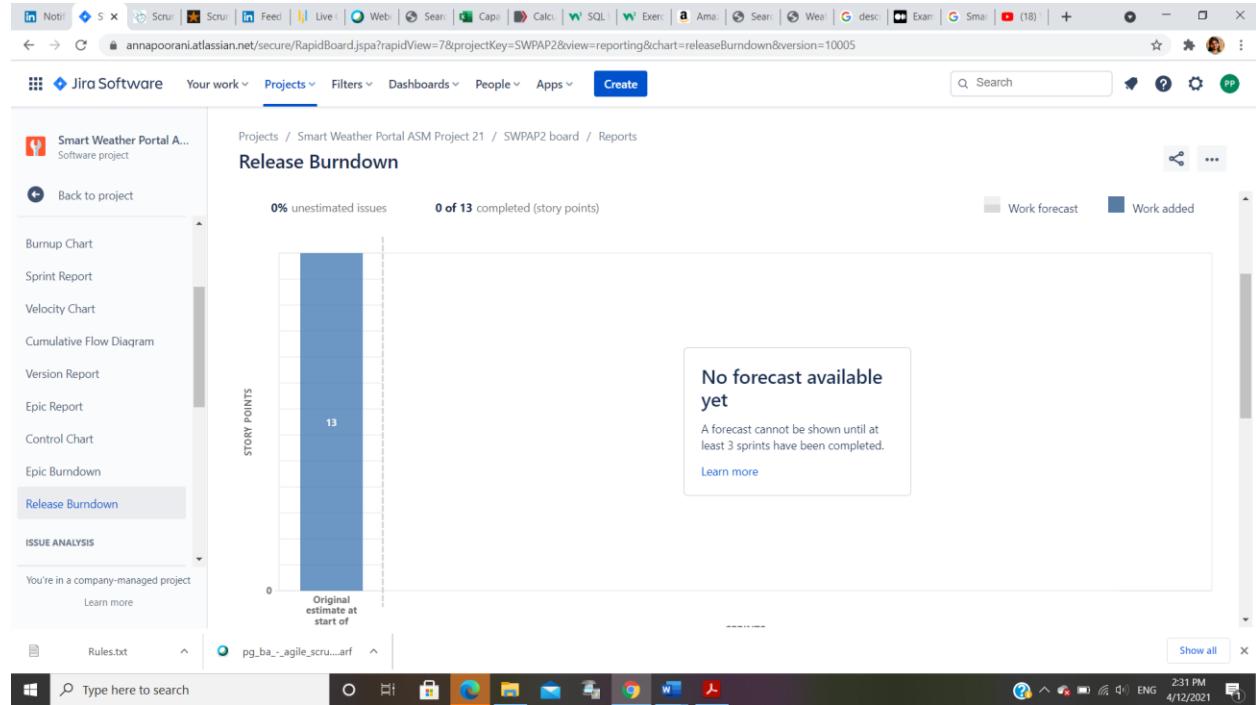
The screenshot shows the Jira Software interface for the 'Smart Weather Portal ASM Project 21 / SWPAP2 board'. The left sidebar lists various reports. The main area displays the 'Completed Issues' table. The table is divided into two sections: 'SWPAP2 Sprint 2' (12/Apr/21 - 13/Apr/21) and 'SWPAP2 Sprint 1' (10/Apr/21 - 12/Apr/21). The table columns include Key, Summary, Issue Type, Priority, Status, and Story Points. For Sprint 2, there are three issues: SWPAP2-13 (Create advertising strategy), SWPAP2-14 (Order supplies based on weather), and SWPAP2-17 (Winter Order). For Sprint 1, there are four issues: SWPAP2-12 (Integration with smart weather services), SWPAP2-15 (Map supply packages), SWPAP2-18 (Promotions and Pricing), and SWPAP2-16 (Summer Order).

Key	Summary	Issue Type	Priority	Status	Story Points
SWPAP2-13	Create advertising strategy	Story	↑ High	DONE	2
SWPAP2-14	Order supplies based on weather	Story	↓ Low	DONE	1
SWPAP2-17	Winter Order	Story	↓ Lowest	DONE	2

Key	Summary	Issue Type	Priority	Status	Story Points
SWPAP2-12	Integration with smart weather services	Story	↑ High	DONE	3
SWPAP2-15	Map supply packages	Story	↓ Lowest	DONE	1
SWPAP2-18	Promotions and Pricing	Story	↑ Highest	DONE	2
SWPAP2-16	Summer Order	Story	↓ Lowest	DONE	2

9. Screenshot of Release burndown chart.

Sprint 1



Sprint 2

