Project Planning Phase

(Product Backlog, Sprint Planning, Stories, Story points)

Date	08 NOVEMBER 2022
Team ID	PNT2022TMID422266
Project Name	Project - Signs with smart connectivity for better road safety
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Sprint	Functional Requirement	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Resources Initialization	USN-1	Create and initialize accounts in various public API's like Open Weather API.	13	Low	Mukil Arasi S Naveen Kumar T Balaa Rupeni S Jayaprakash S
Sprint-1	Local Server/Software Run	USN-2	Write a Python program that outputs results given the inputs like weather and location.	5	Medium	Mukil Arasi S Naveen Kumar T Balaa Rupeni S Jayaprakash S
Sprint-2	Push the server/software to cloud	USN-3	Push the code from local server to cloud so it can be accessed from anywhere at anytime	20	Medium	Mukil Arasi S Naveen Kumar T Balaa Rupeni S Jayaprakash S
Sprint-3	Hardware initialization	USN-4	Integrate the hardware to be able to access the cloud functions and provide inputs to the same.	20	High	Mukil Arasi S Naveen Kumar T Balaa Rupeni S Jayaprakash S
Sprint-4	UI/UX Optimization	USN-5	Optimize all the shortcomings and provide	20	Medium	Mukil Arasi S Naveen Kumar T Balaa Rupeni S Jayaprakash S

Sprint	Functional Requirement	User Story Number	User Story / Task	Story Points	Priority	Team Members
	Service & Debugging		Better user experience.		High	Mukil Arasi S Naveen Kumar T Balaa Rupeni S Jayaprakash S

Project Tracker, Velocity & Burndown Chart: (4 Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (As on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 NOV2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

Velocity:

The average velocity (AV) per iteration unit (story points per day) can be defined as sprint duration by velocity (points per sprint)

(AV = Sprint duration / Velocity)

Given:

Sprint duration = 6days Velocity = 20 AV = 6 / 20 = 0.3

AV = 0.3

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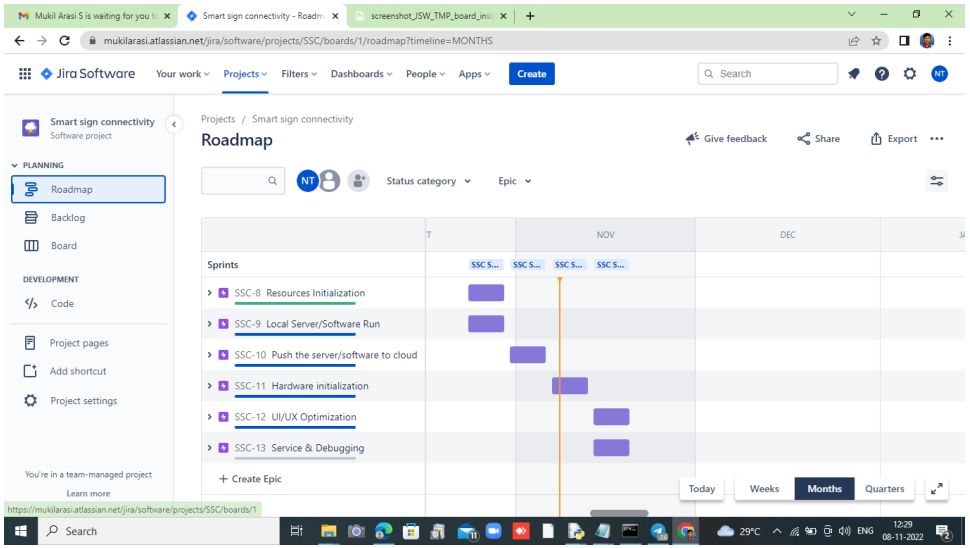

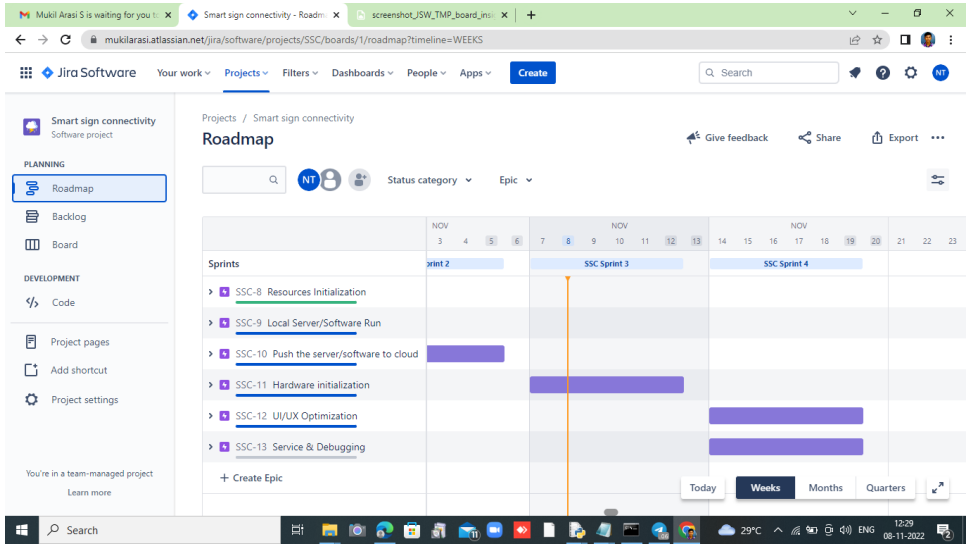

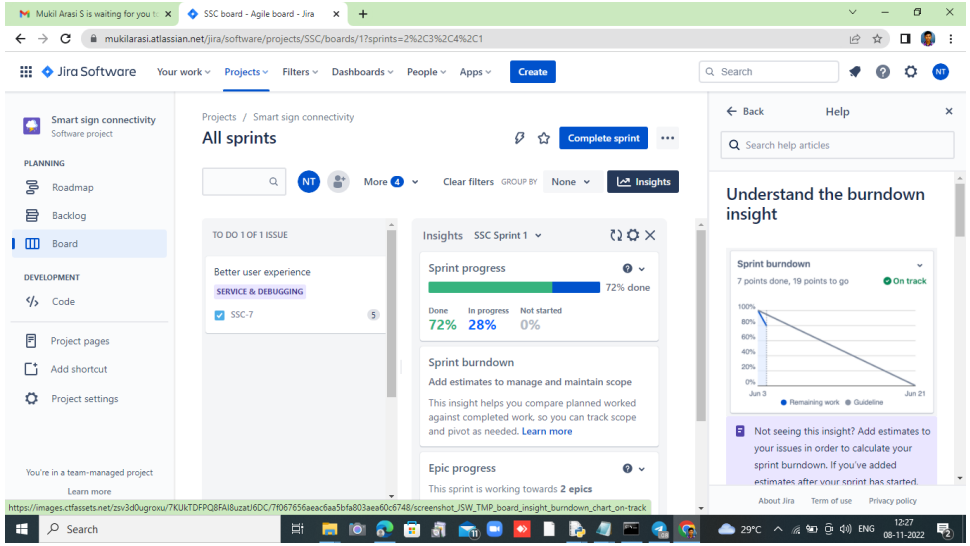
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SSC board - Agile board - Jira
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All sprints
Complete sprint
More 4
Clear filters
GROUP BY
None
Insights
TO DO 1 OF 1 ISSUE
Better user experience
SERVICE & DEBUGGING
SSC-7
Insights
SSC Sprint 1
Sprint progress
72% done
Done
72%
In progress
28%
Not started
0%
Sprint burndown
Add estimates to manage and maintain scope
This insight helps you compare planned worked against completed work, so you can track scope and pivot as needed. Learn more
Epic progress
This sprint is working towards 2 epics
Back
Help
Search help articles
Understand the burndown insight
Sprint burndown
7 points done, 19 points to go
On track
100%
80%
60%
40%
20%
0%
Jun 3
Jun 21
Remaining work
Guideline
Not seeing this insight? Add estimates to your issues in order to calculate your sprint burndown. If you've added estimates after your sprint has started,
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https://images.ctfassets.net/zsv3d0ugroxu/7KUkTDFPQ8FAI8uzatJ6DC/7f067656aeac6aa5bfa803aea60c6748/screenshot_JSW_TMP_board_insight_burndown_chart_on-track
Search
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ENG
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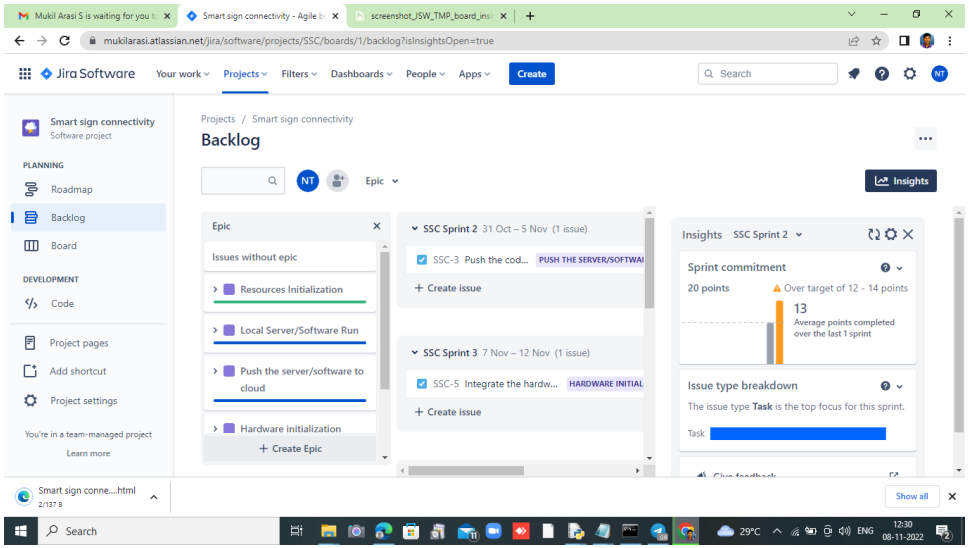
08-11-2022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Epic
Insights
Epic
Issues without epic
Resources Initialization
Local Server/Software Run
Push the server/software to cloud
Hardware initialization
Create Epic
SSC Sprint 2 31 Oct – 5 Nov (1 issue)
SSC-3 Push the cod...
PUSH THE SERVER/SOFTWAI
Create issue
SSC Sprint 3 7 Nov – 12 Nov (1 issue)
SSC-5 Integrate the hardw...
HARDWARE INITIAL
Create issue
Insights
SSC Sprint 2
Sprint commitment
20 points
Over target of 12 - 14 points
13
Average points completed over the last 1 sprint
Issue type breakdown
The issue type Task is the top focus for this sprint.
Task
Smart sign conne....html
2/137 B
Show all
Search
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ENG
12:30
08-11-2022

Burndown Chart: