PROJET PLANNING PHASE

Project Planning Template (Product Backlog , Sprint Planning , Stories , Story Points)

Date	11 November 2022
Team ID	PNT2022TMID54446
Project Name	Signs With Smart Connectivity for Better Road Safety
Marks	8 Marks

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

Use the below template to create product Backlog and sprint schedule

Sprint	Functional Requirements (Epic)	User Story/Task	Story Points	priority	Team members
Sprint-1	Initializing the resources	Create an account in Open Weather API	5	MEDIUM	VAARAGHI.M.S SUHAIL AHMED.S VISHWA. S ROHIT KUMAR.S
Sprint-1	Code in Software is written	Write a python script using the inputs given from Open Weather API	4	MEDIUM	VAARAGHI.M.S SUHAIL AHMED.S VISHWA. S ROHIT KUMAR.S

Sprint-2	Sending the software to cloud	The python code from sprint 1 should be sent to cloud so that it is easily accessible	5	MEDIUM	VAARAGHI.M.S SUHAIL AHMED.S VISHWA. S ROHIT KUMAR.S
Sprint-3	Initializing the connection between hardware and cloud	The hardware should be integrated for the easy access of the cloud functions	5	HIGH	VAARAGHI.M.S SUHAIL AHMED.S VISHWA. S ROHIT KUMAR.S

Sprint-4	User input-output optimization and error identification and rectification	Rectify all the shortcomings/errors and initiate the optimization for better usage	5	HIGH	VAARAGHI. M.S SUHAIL AHMED.S VISHWA. S ROHIT KUMAR.S

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

Sprint	Total story points	Duration	Sprint start date	Sprint end date	Story points completed (as on planned end dates)	Sprint release date (actual)
Sprint-1	20	2 Days	10 Nov 2022	07 Nov 2022	20	11 Nov 2022
Sprint-2	20	2 Days	10 Nov 2022	11 Nov 2022	20	11 Nov 2022
Sprint-3	20	2 Days	10 Nov 2022	11 Nov 2022	20	11 Nov 2022
Sprint-4	20	2 Days	10 Nov 2022	11 Nov 2022	20	11 Nov 2022

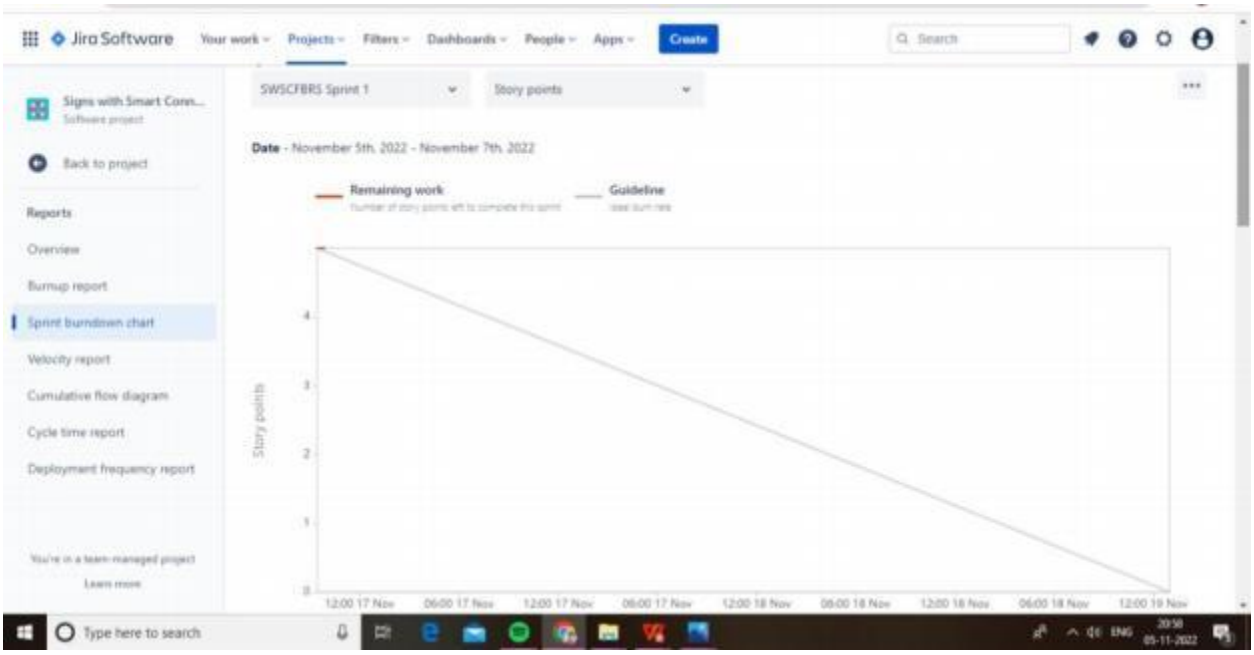
Velocity:

We have a 4 day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

AV= Sprint duration/Velocity = 20/4=5

Burndown Chart:

A burndown chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burndown charts can be applied to any project containing measurable progress overtime.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Burnup report
Sprint burndown chart
Velocity report
Cumulative flow diagram
Cycle time report
Deployment frequency report
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Learn more
SWSCFBRS Sprint 1
Story points
Date - November 5th, 2022 - November 7th, 2022
Remaining work
Guideline
Story points
0
1
2
3
4
12:00 17 Nov
06:00 17 Nov
12:00 17 Nov
06:00 17 Nov
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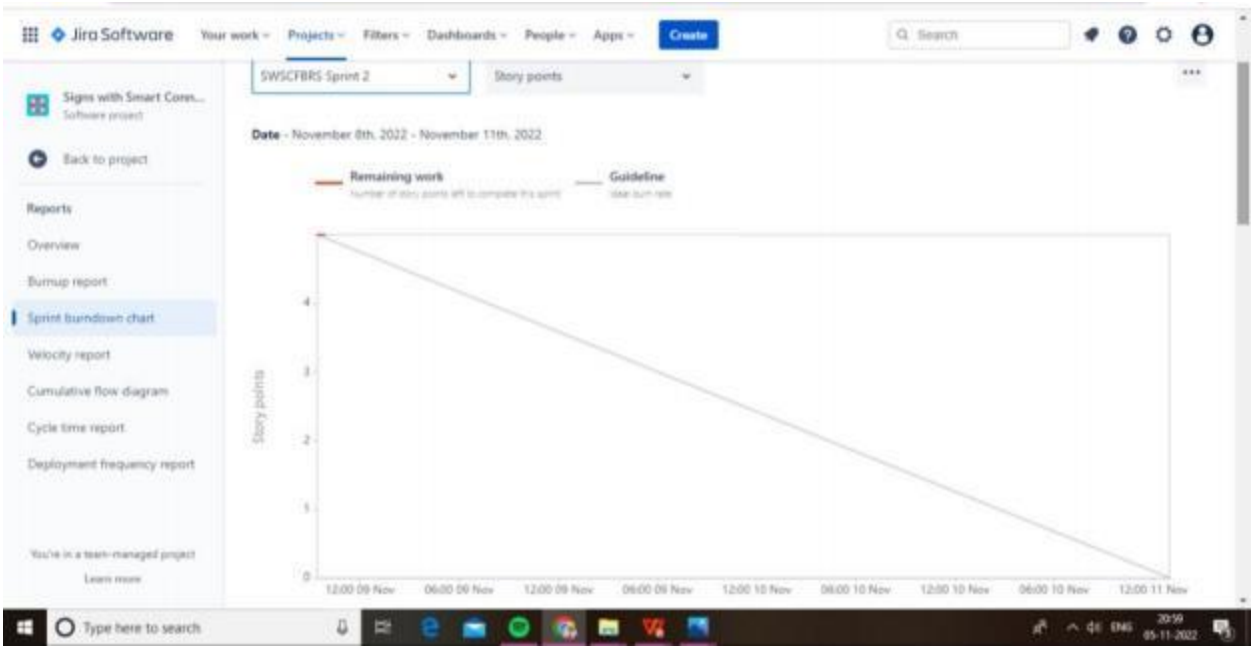
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SWSCFBRS Sprint 2
Story points
Date - November 8th, 2022 - November 11th, 2022
Remaining work
Guideline
Story points
0
1
2
3
4
12:00 09 Nov
06:00 09 Nov
12:00 09 Nov
06:00 09 Nov
12:00 10 Nov
06:00 10 Nov
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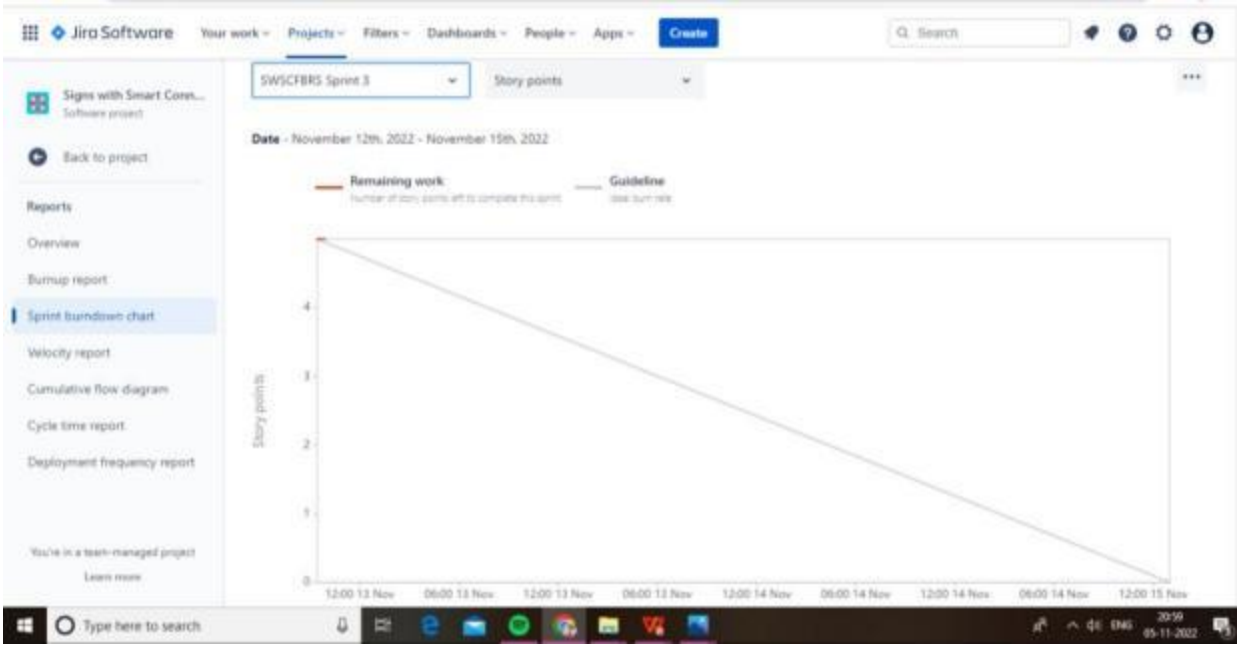
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SWSCFBRS Sprint 3
Story points
Date - November 12th, 2022 - November 15th, 2022
Remaining work
Guideline
Story points
0
1
2
3
4
12:00 13 Nov
06:00 13 Nov
12:00 13 Nov
06:00 13 Nov
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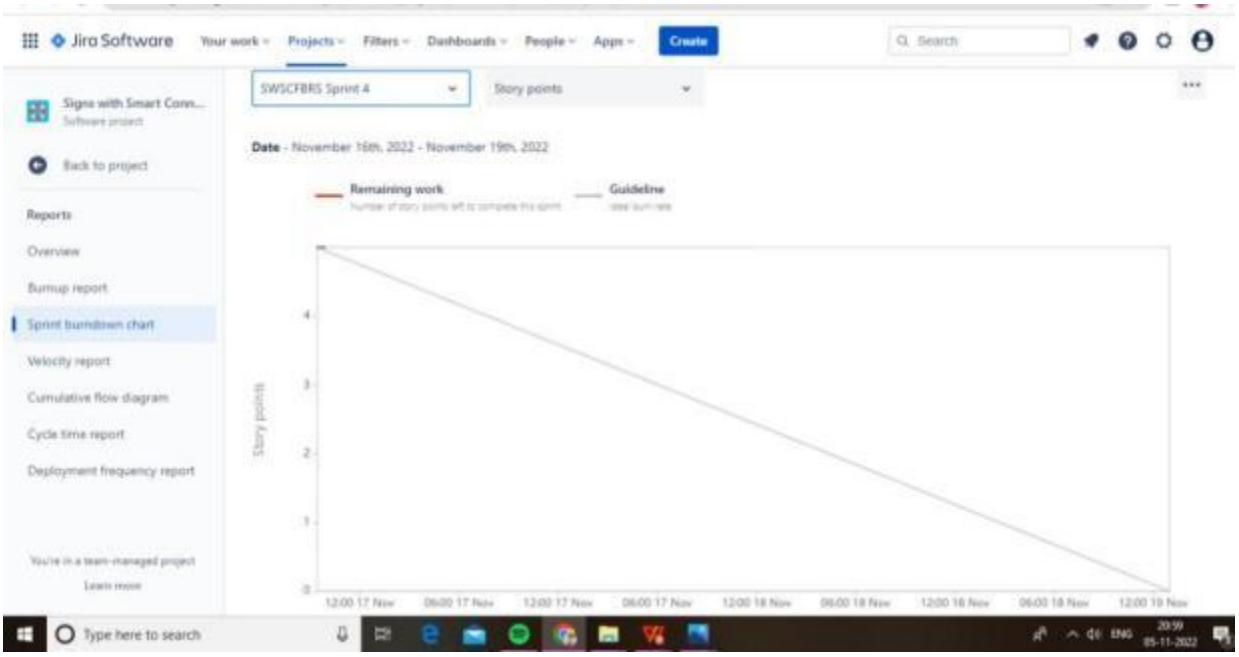
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SWSCFBRS Sprint 4
Story points
Date - November 16th, 2022 - November 19th, 2022
Remaining work
Guideline
Story points
0
1
2
3
4
12:00 17 Nov
06:00 17 Nov
12:00 17 Nov
06:00 17 Nov
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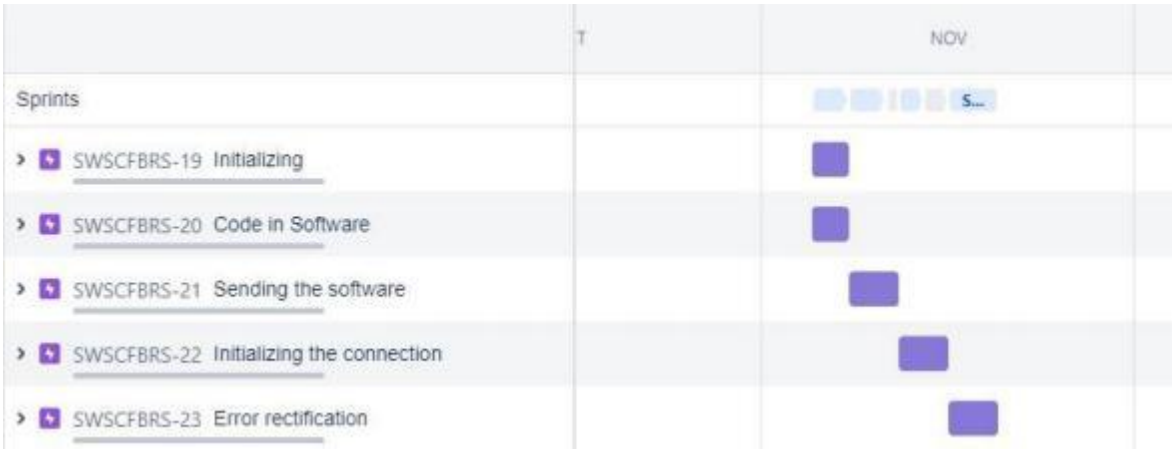
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Sprints
SWSCFBRS-19 Initializing
SWSCFBRS-20 Code in Software
SWSCFBRS-21 Sending the software
SWSCFBRS-22 Initializing the connection
SWSCFBRS-23 Error rectification