

## Project Planning Phase

### Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

Date	2 NOVEMBER 2022
Team ID	PNT2022TMID33271
Project Name	Trip based modelling of fuel consumption in modern fleet vehicles using machine learning
Maximum Marks	8 Marks

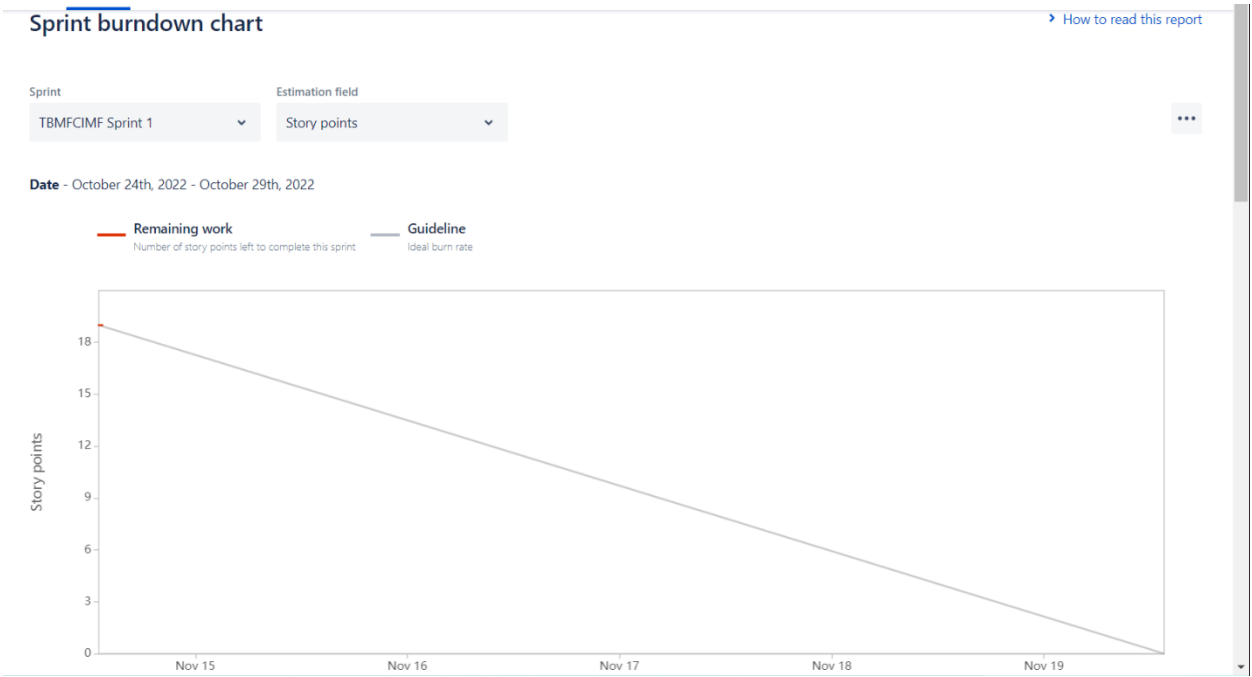
#### Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	As a user, I can register for the predict the fuel consumption using my email and password	7	High	Suvetha R Sneha S
Sprint-1		USN-2	As a user, I will receive confirmation email on registering for the diagnosis tool	6	High	Sneka R Sithara R
Sprint-4		USN-3	As a user, I can register for the application through my Gmail	6	Low	Suvetha R Sneha S
Sprint-1	Login	USN-4	As a user, I can log into the application by entering my credentials	6	High	Sneka R Sithara R
Sprint-3	Dashboard	USN-5	As a user, I can see my past records and activities	6	High	Suvetha R Sneha S
Sprint-2		USN-6	As a user, Data is collected at a rate that is proportional to its impact on the outcome.	7	High	Sneka R Sithara R

Sprint-3	Report	USN-7	As a user, I can view the report generated by the tool	7	High	Suvetha R Sneha S
<b>Sprint</b>	<b>Functional Requirement (Epic)</b>	<b>User Story Number</b>	<b>User Story / Task</b>	<b>Story Points</b>	<b>Priority</b>	<b>Team Members</b>
Sprint-3	Requirements	USN-8	As a customer, data modelling can easily help to diagnose the reason behind fuel consumption with a knowledge of input parameters.	6	Medium	Sneka R Sithara R
Sprint-4	Queries	USN-9	As a customer care executive, I must assist users that face problems through Q&A	6	Low	Suvetha R Sneha S
Sprint-4	Feedback	USN-10	As a customer care executive, I should get input for the tool's enhancement from users	7	Low	Sneka R Sithara R
Sprint-2	Feature importance	USN-11	As an administrator, I should identify the most significant factors that lead to fuel consumption based on the present trend	6	High	Suvetha R Sneha S
Sprint-2	Train model	USN-12	As an administrator, The predictors in the model are able to capture the impact of both the duty cycle and the environment on the average fuel consumption of the vehicle	6	High	Sneka R Sithara R

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 Nov 2022
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



## Sprint burndown chart

[How to read this report](#)

Sprint

TBMFCIMF Sprint 2

Estimation field

Story points

...

Date - October 31st, 2022 - November 5th, 2022

**Remaining work**  
Number of story points left to complete this sprint

**Guideline**  
Ideal burn rate



## Sprint burndown chart

[How to read this report](#)

Sprint

TBMFCIMF Sprint 3

Estimation field

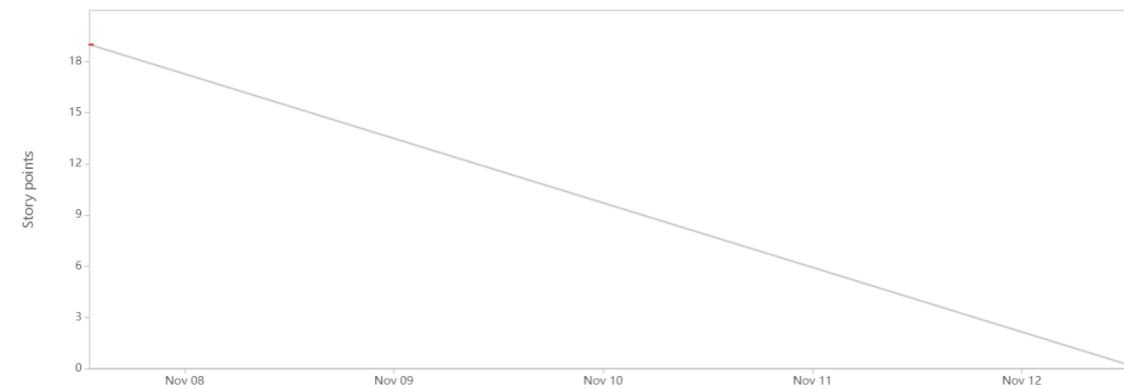
Story points

...

Date - November 7th, 2022 - November 12th, 2022

**Remaining work**  
Number of story points left to complete this sprint

**Guideline**  
Ideal burn rate



## Sprint burndown chart

[How to read this report](#)

Sprint

TBMFCIMF Sprint 4

Estimation field

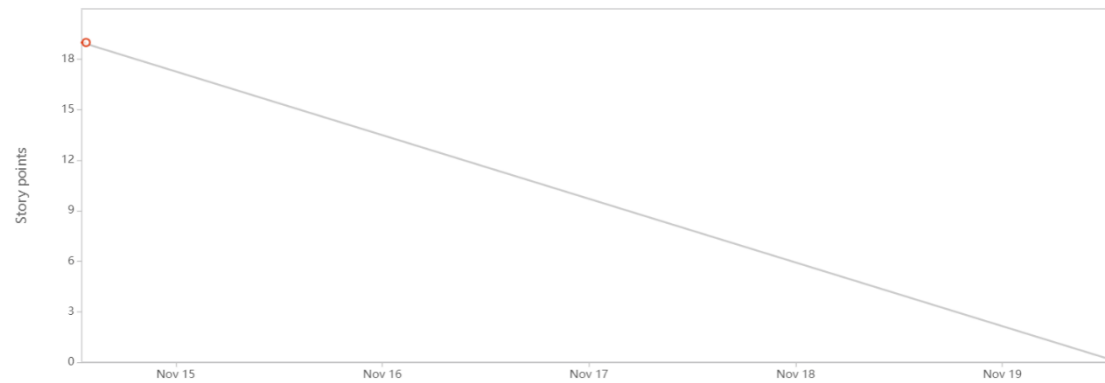
Story points

...

Date - November 14th, 2022 - November 19th, 2022

**Remaining work**  
Number of story points left to complete this sprint

**Guideline**  
Ideal burn rate



	T	NOV	DEC	JAN '23
Sprints	TBMF...	TBMF...	TBMF...	TBMF...
> <a href="#">TBMFCIMFV-38 Registration</a>				
> <a href="#">TBMFCIMFV-39 Login</a>				
> <a href="#">TBMFCIMFV-40 Dashboard</a>				
<a href="#">TBMFCIMFV-41 Entry form</a>				
> <a href="#">TBMFCIMFV-42 Report</a>				
> <a href="#">TBMFCIMFV-43 Queries</a>				
> <a href="#">TBMFCIMFV-44 Feedback</a>				
> <a href="#">TBMFCIMFV-45 feature importance</a>				
> <a href="#">TBMFCIMFV-46 Train model</a>				
> <a href="#">TBMFCIMFV-59 Requirements</a>				