Project Planning Phase

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

Date	10 November 2022
Team ID	PNT2022TMID44328
Project Name	Machine Learning Based Predictive Analysis of Air Craft Engine
Maximum Marks	8 Marks

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

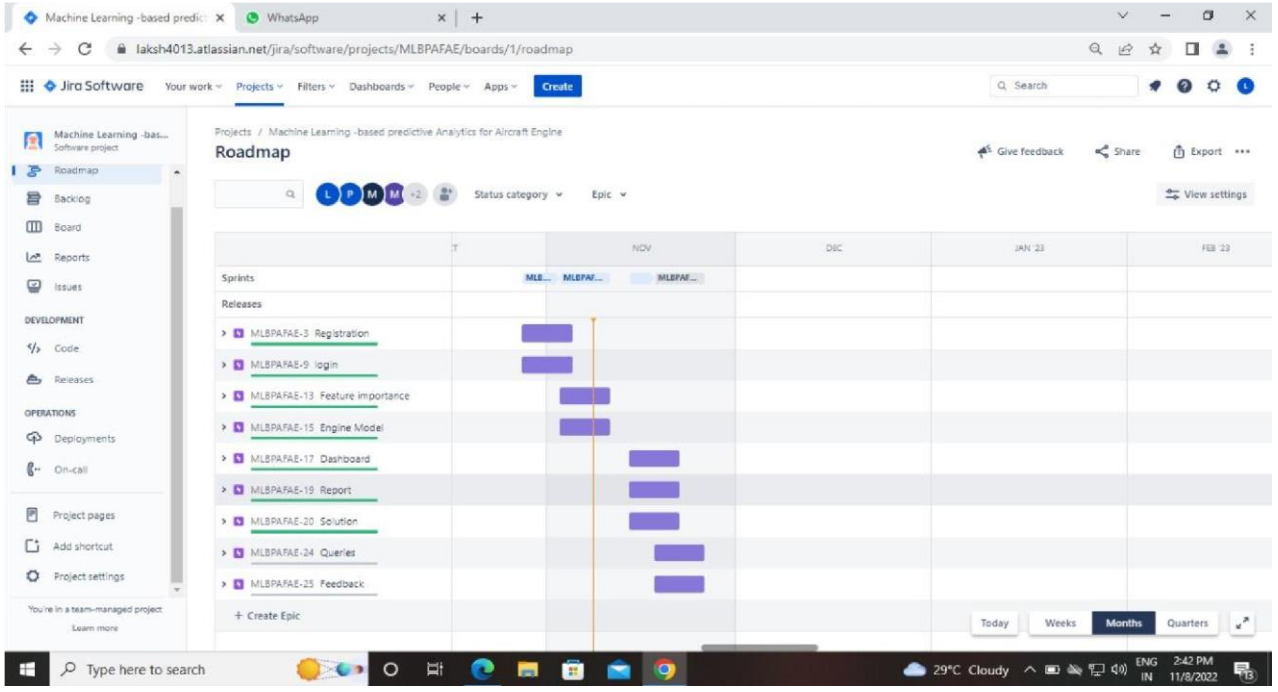
Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	a user ,I can register for the support vector machine As algorithm tool using my email and password	7	High	Balamurugan R Sathish P
Sprint-1		USN-2	As a user, I will receive confirmation email on registering for the support vector machine algorithm tool	6	High	Kirubakaran S Rajaganapathi M
Sprint-4		USN-3	As a user, I can register for the application through my Gmail	6	Low	Balamurugan R Sathish P
Sprint-1	Login	USN-4	As a user, I can log into the application by entering my credentials	6	High	Kirubakaran S Rajaganapathi M
Sprint-3	Dashboard	USN-5	As a user, I can see my past records and activities	6	High	Balamurugan R Sathish P
Sprint-2		USN-6	As a user, I must enter my pre – engine aircraft test results	7	High	Kirubakaran S

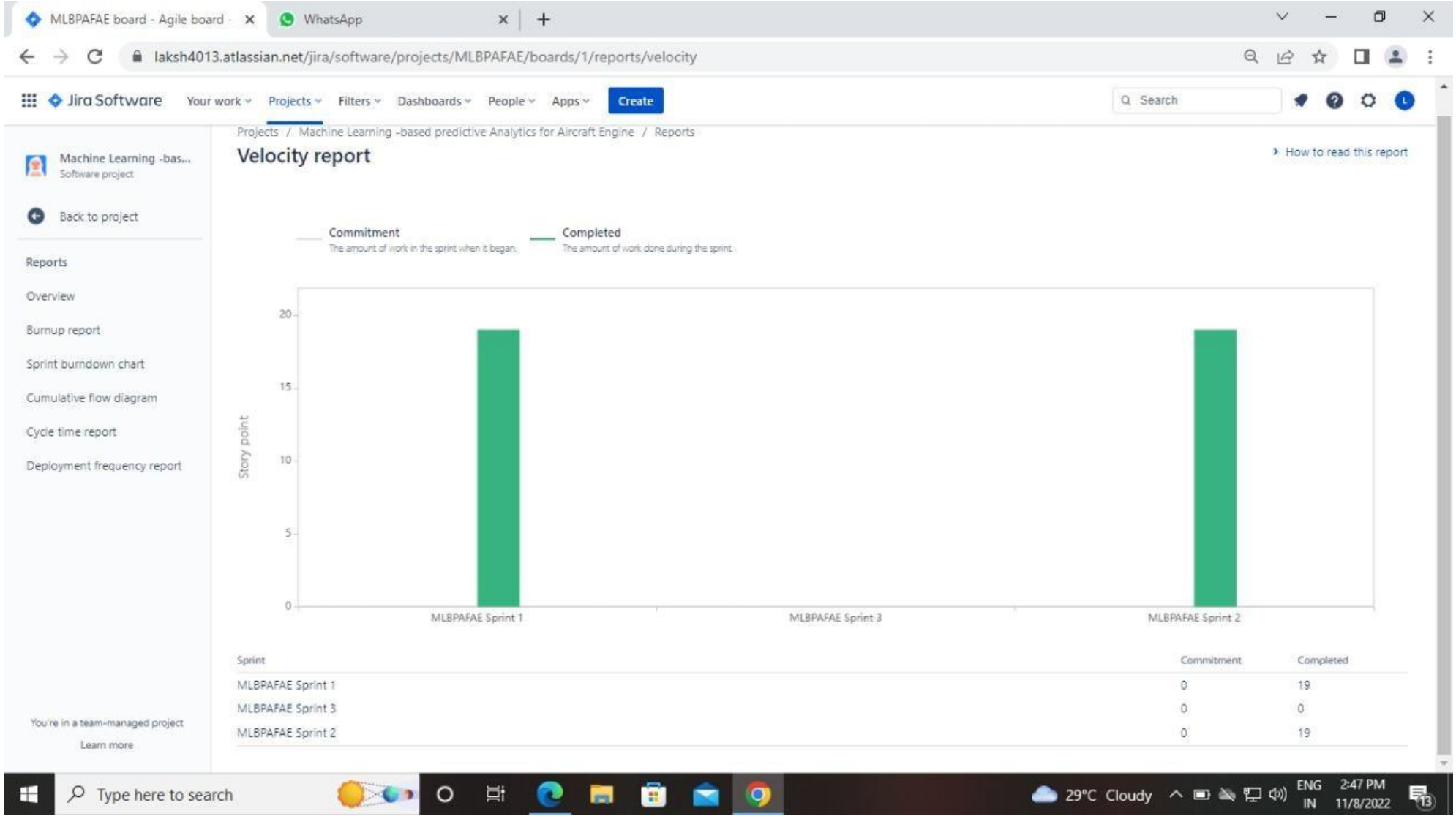
						Rajaganapathi M

Sprint-3	Report	USN-7	As a user, I can view the report generated by the tool	7	High	Balamurugan R Sathish P
Sprint	**Functional Requirement (Epic)**	**User Story Number**	**User Story / Task**	**Story Points**	**Priority**	**Team Members**
Sprint-3	Solution	USN-8	As a user, I will receive reason to treat my engine	6	Medium	Kirubakaran S Rajaganapathi M
Sprint-4	Queries	USN-9	As a users,I must assists that face problems through Q&A	6	Low	Balamurugan R Sathish P
Sprint-4	Feedback	USN-10	As a customer care executive, I should get input for the tool's enhancement from users	7	Low	Kirubakaran S Rajaganapathi M
Sprint-2	Feature importance	USN-11	As an administrator, I should identify the most significant factors that lead to SVM based on the present trend	6	High	Balamurugan R Sathish P
Sprint-2	Engine Model	USN-12	As an administrator, I must use the most suitable ML model for detection of SVM	6	High	Kirubakaran S Rajaganapathi M

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	28 oct 2022	2 nov 2022	20	2 nov 2022
Sprint-2	20	6 Days	3 Nov 2022	08 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	09 Nov 2022	14 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	15Nov 2022	20 Nov 2022	20	19 Nov 2022




MLBPAFAE board - Agile board
WhatsApp
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Velocity report
How to read this report
Commitment
The amount of work in the sprint when it began.
Completed
The amount of work done during the sprint.
Story point
20
15
10
5
0
MLBPAFAE Sprint 1
MLBPAFAE Sprint 3
MLBPAFAE Sprint 2
Sprint
Commitment
Completed
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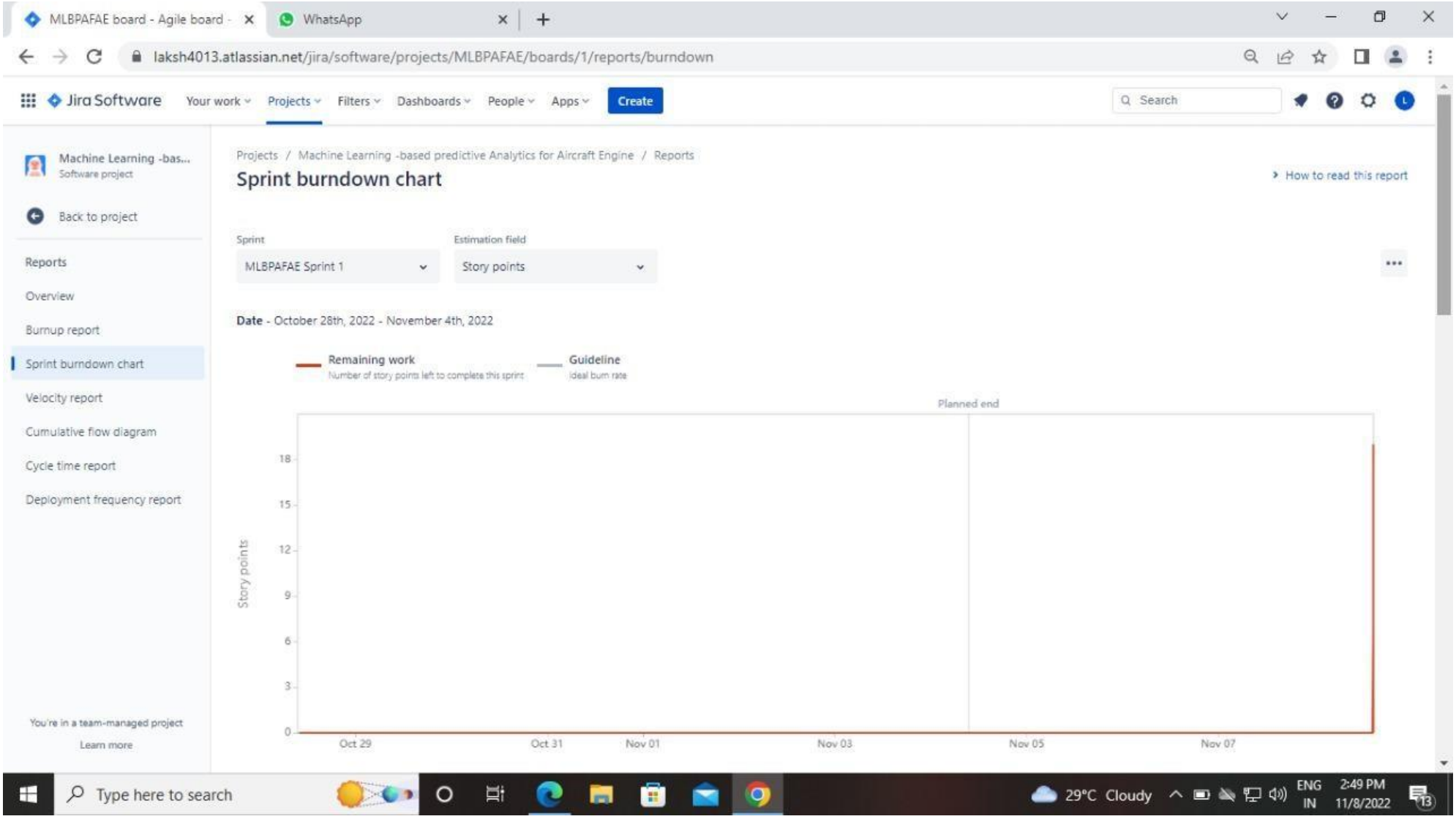
MLBPAFAE board - Agile board
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How to read this report
Sprint
MLBPAFAE Sprint 1
Estimation field
Story points
Date - October 28th, 2022 - November 4th, 2022
Remaining work
Number of story points left to complete this sprint
Guideline
Ideal burn rate
Planned end
Story points
18
15
12
9
6
3
0
Oct 29
Oct 31
Nov 01
Nov 03
Nov 05
Nov 07
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