

## Project Planning Phase

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

Date	10 November 2022
Team ID	PNT2022TMID47194
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	T.Lakshmanan R.mugesh
Sprint-1		USN-2	As a user, I will receive confirmation email on registering for the support vector machine algorithm tool	6	High	T.Lakshmanan A.munirajan
Sprint-4		USN-3	As a user, I can register for the application through my Gmail	6	Low	M.prakash S.indira
Sprint-1	Login	USN-4	As a user, I can log into the application by entering my credentials	6	High	R.mugash A.munirajan
Sprint-3	Dashboard	USN-5	As a user, I can see my past records and activities	6	High	T.Lakshmanan M.prakash
Sprint-2		USN-6	As a user, I must enter my pre – engine aircraft test results	7	High	A.mnuirajan T.Lakshmanan

Sprint-3	Report	USN-7	As a user, I can view the report generated by the tool	7	High	S.indira T.Lakshmanan
<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	Solution	USN-8	As a user, I will receive reason to treat my engine	6	Medium	R.mugash A.munirajan
Sprint-4	Queries	USN-9	As a users,I must assists that face problems through Q&A	6	Low	T.Lakshmanan M.prakash
Sprint-4	Feedback	USN-10	As a customer care executive, I should get input for the tool's enhancement from users	7	Low	A.mnuirajan T.Lakshmanan
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	M.prakash S.indira
Sprint-2	Engine Model	USN-12	As an administrator, I must use the most suitable ML model for detection of SVM	6	High	T.Lakshmanan M.prakash

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

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>	<b>Story Points Completed (as on Planned End Date)</b>	<b>Sprint Release Date (Actual)</b>
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

MLBPFAE board - Agile board - xWhatsApp

laksh4013.atlassian.net/jira/software/projects/MLBPFAE/boards/1/reports/velocity

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Software project

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Reports

Overview

Burnup report

Sprint burndown chart

Cumulative flow diagram

Cycle time report

Deployment frequency report

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How to read this report

Velocity 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

MLBPFAE Sprint 1

MLBPFAE Sprint 3

MLBPFAE Sprint 2

Sprint	Commitment	Completed
MLBPFAE Sprint 1	0	19
MLBPFAE Sprint 3	0	0
MLBPFAE Sprint 2	0	19

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## Sprint burndown chart

How to read this report

Sprint  
MLBPFAE Sprint 1

Estimation field  
Story points

Date - October 28th, 2022 - November 4th, 2022



