

Project Planning Phase

Team ID	PNT2022TMID37298
Project Name	Project - Machine Learning-Based Predictive Analytics For Aircraft Engine

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	Modules	USN-1	The module which are used to be imported	2	High	NithyaLakshmi Yugalakshmi
Sprint - 1	Data Ingestion	USN-2	Instead of a CSV file, text file is added	1	High	Preethi Yugalakshmi
Sprint - 2	Data Pre-processing	USN-3	A data mining technique	2	Medium	Reethika NithyaLakshmi
Sprint - 3	Modelling	USN-4	Data Modeling in software engineering is the process of simplifying the diagram or data model of a software system by applying certain formal techniques.	2	Medium	Yugalakshmi Preethi
Sprint - 4	LSTM Network	USN-5	LSTMs are predominately used to learn, process, and classify sequential data	1	High	Preethi Reethika
Sprint - 4	Model Training	USN-6	Training the model		High	Nithyalakshmi Yugalakshmi Preethi Reethika
Sprint - 4	Model Testing	USN-7	Test and validation of model	2	High	Preethi Reethika

Project Tracker:

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		19 Nov 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	19 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	19 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022