Initial Project Planning Template

Date	15 March 2024
Team ID	738303
Project Name	Machine Learning Approach For Employee Performance Prediction
Maximum Marks	4 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 Start Date	Sprint End Date (Planned)
Sprint-1	Data Collection	USN-1	Gathering relevant data aligned with specific objectives of the Machine Learning Approach For Performace Prediction . project	1	Low	3	27-04-2024	30-04-2024
Sprint-3	Visualizing And Analyzing Data	USN-2	1) To gain insights from the data and understand its characteristics. 2) To identify patterns, trends, outliers, and relationships within the dataset.	3	Medium	3	27-04-2024	02-05-2024
Sprint-1	Data Pre-processing	USN-3	Data preprocessing plays a pivotal role in machine learning by transforming raw data into a clean, reliable, and structured format.	1	High	3	27-04-2024	27-04-2024

| Sprint-2 | Model Building | USN-4 | Model building in machine learning is a critical step where algorithms are | 2 | High | 3 | 27-04-2024 | 05-05-2024 |

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
			trained on historical data to create predictive models.					
Sprint-3	Application Bulding	USN-5	Incorporating machine learning into applications can enhance user experience.	3	Medium	3	27-04-2024	05-05-2024

Jira Screenshots:

	APR	MAY	JUN	JUL

Sprints   MLAF...

∨ ⚡ MLAFEPP-1 Data Collection	**DONE**	
🔖 MLAFEPP-2 Download The Dataset	**DONE**	BA
∨ ⚡ MLAFEPP-3 Visualizing And Analyzing The data	**DONE**	
🔖 MLAFEPP-5 Read The Dataset	**DONE**	DK
🔖 MLAFEPP-4 Importing The Libraries	**DONE**	DK
🔖 MLAFEPP-6 Correlation Analysis	**DONE**	DK
🔖 MLAFEPP-7 Descriptive Analysis	**DONE**	DK
∨ ⚡ MLAFEPP-8 Data Pre-Processing	**DONE**	
🔖 MLAFEPP-9 Checking For Null Vlaues	**DONE**	BA
🔖 MLAFEPP-10 Handling Date And Department Column	**DONE**	BA
🔖 MLAFEPP-11 Handling Categorical Values	**DONE**	BA
🔖 MLAFEPP-12 Splitting Data Into Train And Split	**DONE**	BA
∨ ⚡ MLAFEPP-13 Model Building	**DONE**	
🔖 MLAFEPP-14 Linear Regression Model	**DONE**	P
🔖 MLAFEPP-15 Random Forest Model	**DONE**	P
🔖 MLAFEPP-16 Xgboost Model	**DONE**	P
🔖 MLAFEPP-17 Compare The Model	**DONE**	P
🔖 MLAFEPP-18 Evaluating The Performance Of The Model And Sa...	**DONE**	P

∨ 🔍 MLAFEPP Sprint 1 ⋯

CLOSED SPRINT

Sprint goal goes here

Sprint start	Sprint end
2024/04/27	2024/04/30

> 🔍 MLAFEPP Sprint 2 ⋯

CLOSED SPRINT

> 🔍 MLAFEPP Sprint 3 ⋯

CLOSED SPRINT

∨ ⚡ MLAFEPP-19 Application Building	**DONE**	
🔖 MLAFEPP-20 Building HTML Pages	**DONE**	DK
🔖 MLAFEPP-21 Build Python Code	**DONE**	DK
🔖 MLAFEPP-23 Output	**DONE**	DK
🔖 MLAFEPP-22 Run The Application	**DONE**	DK