Initial Project Planning Template

Date	15 March 2024
Team ID	738305
Project Name	Machine Learning Approach For Employee Performace 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 Employee 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	02-05-2024

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-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

> ⊙ **MLAFEPP Sprint 1** ...
> **CLOSED SPRINT**
> Sprint goal goes here
>
> Sprint start: 2024/04/27 Sprint end: 2024/04/30

> ⊙ **MLAFEPP Sprint 2** ...
> **CLOSED SPRINT**

> ⊙ **MLAFEPP Sprint 3** ...
> **CLOSED SPRINT**