Initial Project Planning Template

Date	09 July 2024
Team ID	SWTID1720104839
Project Name	Human Resource Management: Predicting Employee Promotions Using Machine Learning
Maximum Marks	4 Marks

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

Use the below template to create a product backlog and sprint schedule

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	SCRUM-6	Dataset	2	Low	Sreeram	04/07/24	10/07/24
Sprint-1	Visualizing And Analysing The Data	SCRUM-7	Importing The Libraries	1	Medium	Sreeram	04/07/24	10/07/24
Sprint-1	Visualizing And Analysing The Data	SCRUM-8	Read The Dataset	1	Low	Sreeram	04/07/24	10/07/24
Sprint-1	Visualizing And	SCRUM-9	Univariate Analysis	1	Medium	Priyanka	04/07/24	10/07/24

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
	Analysing The Data							
Sprint-1	Visualizing And Analysing The Data	SCRUM-10	Multivariate Analysis	1	Medium	Priyanka	04/07/24	10/07/24
Sprint-1	Visualizing And Analysing The Data	SCRUM-11	Descriptive Analysis	1	Medium	Priyanka	04/07/24	10/07/24
Sprint-2	Data Pre-Processing	SCRUM-13	Drop Unwanted Features	2	High	Priyanka	04/07/24	10/07/24
Sprint-2	Data Pre-Processing	SCRUM-14	Checking For Null Values	2	High	Priyanka	04/07/24	10/07/24
Sprint-2	Data Pre-Processing	SCRUM-15	Remove Negative Data	2	High	Priyanka	04/07/24	10/07/24
Sprint-2	Data Pre-Processing	SCRUM-16	Handling Outliers	2	High	Hrudaya	04/07/24	10/07/24
Sprint-2	Data Pre-Processing	SCRUM-17	Handling Imbalanced Data	2	High	Hrudaya	04/07/24	10/07/24
Sprint-2	Data Pre-Processing	SCRUM-18	Handling Categorical Values	2	High	Hrudaya	04/07/24	10/07/24
Sprint-2	Data Pre-Processing	SCRUM-19	Splitting Data Into Train And Test	1	Medium	Hrudaya	04/07/24	10/07/24

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-3	Model Building	SCRUM-20	Decision Tree Model	1	Medium	Harshitha	04/07/24	11/07/24
Sprint-3	Model Building	SCRUM-21	Random Forest Model	2	Medium	Harshitha	04/07/24	11/07/24
Sprint-3	Model Building	SCRUM-22	Xgboost Model	1	Low	Harshitha	04/07/24	11/07/24
Sprint-3	Model Building	SCRUM-23	KNN Model	1	Medium	Harshitha	04/07/24	11/07/24
Sprint-3	Model Building	SCRUM-24	Compare The Model	2	Medium	Priyanka	04/07/24	11/07/24
Sprint-3	Model Building	SCRUM-25	Evaluating Performance Of The Model And Saving The Model	2	Medium	Priyanka	04/07/24	11/07/24
Sprint-4	Application Building	SCRUM-28	Building Html Pages	1	Low	Hrudaya	04/07/24	11/07/24
Sprint-4	Application Building	SCRUM-29	Build Python Code	2	High	Priyanka	04/07/24	11/07/24
Sprint-4	Application Building	SCRUM-30	Run The Application	2	Medium	Sreeram	04/07/24	11/07/24
Sprint-4	Application Building	SCRUM-31	Output	2	High	Harshitha	04/07/24	11/07/24

Screenschot :