Initial Project Planning Template

Date	15 October 2024
Team ID	740663
Project Name	Predicting Diamond Prices With ANN Using DeepLearning
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 Ingestion	USN-1	As a user, I can upload a dataset containing diamond attributes (e.g., carat, cut, clarity, color) for analysis.	2	High	Pranadeep, Sonalika	15-10-24	20-10-24
Sprint-1		USN-2	As a user, I can validate the uploaded dataset to ensure it meets the required format and contains no missing values.	1	High	Sonalika, Pranadeep	20-10-24	26-10-24
Sprint-2	Model Development	USN-3	As a user, I can select a machine learning model to predict diamond prices based on uploaded data.	2	Low	Abdul jabbar, Varshith	27-10-24	30-10-24
Sprint-2		USN-4	As a user, I can view the performance metrics of the model (e.g., accuracy, mean squared error) after training.	2	Medium	Sonalika, Pranadeep, AbdulJabbar	31-10-24	4-11-24

Sprint-3	Prediction Interface	USN-5	As a user, I can input individual diamond attributes and get a predicted price.	1	High	Pranadeep, Sonalika	4-11-24	9-11-24
Sprint-3		USN-6	As a user, I can upload a batch of diamond attributes and receive predicted prices for all entries.	2	Low	Abdul jabbar, Varshith	10-11-24	14-11-24
Sprint-4	Visualization and Reporting	USN-7	As a user, I can view a graphical comparison of actual versus predicted diamond prices for evaluation.	1	Medium	Pranadeep, Sonalika	15-11-24	16-11-24
Sprint-4		USN-8	As a user, I can download a report summarizing the model's predictions and performance metrics.	2	High	Sonalika, Pranadeep	16-11-24	18-11-24