Initial Project Planning Template

Date	24 April 2024
Team ID	739916
Project Name	Predicting the Compressive Strength of Concrete
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	USN-2	As a user, I can collect raw data on concrete mixes and compressive strength from various sources understanding and loading the data	2	Low	Diddi Akshay	05/052024	10/06/2024
Sprint-1	Data Collection and Preprocessing	USN-3	As a user, I can clean and preprocess the data for analysis including handling missing values	2	Medium	Dharla Poojitha	05/05/2024	12/05/2024
Sprint-1	Data Collection and Preprocessing	USN-4	Exploratory Data Analysis Descriptive Statistics	3	High	Abbineni Bhumika	05/052024	12/05/2024
Sprint-2	Exploratory Data Analysis	USN-5	Visual Analysis	3	Low	Diddi Akshay Dharla Poojitha	12/05/2024	15/05/2024
Sprint-2	Exploratory Data Analysis	USN-7	Evaluating the model	3	Medium	Dharla Poojitha	12/05/2024	15/05/2024

Sprint-3	Model Building/model selection	USN-6	As a user,I can train different machine learning models to predict compressive strength.	2	High	Dadi Abhinay	15/05/2024	19/05/2024
Sprint-3	Model Building	USN-8	Testing the model	2	High	Abbineni Bhumika	20/05/2024	25/05/2024
Sprint-3	Performance Testing	USN-9	Testing the model with multiple evaluation metrics	4	Medium	Dadi Abhinay	26/05/2024	30/05/2024
Sprint-4	Model Deployment	USN-11	Save the best model As a user, I can deploy the best performing model as a web application for easy access	4	High	Abbineni Bhumika	01/06/2024	7/06/2024
Sprint-4	Model Development	USN-12	Integrate with Web Framework& building the HTML templates	3	Medium	Dadi Abhinay	10/06/2024	15/06/2024
Sprint-4	Model Development	USN-13	Flask Importing and app.py	4	High	Dadi Abhinay	20/06/2024	25/06/2024
Sprint-3 Sprint-4	Project Report	USN-15	Report	4	Medium	Abbineni Bhumika Dadi Abhinay Dharla Poojitha Diddi Akshay	27/06/2024	07/07/2024