Initial Project Planning

Date	4 June 2024
Team ID	SWTID1719938571
Project Name	Walmart Sales Analysis for Retail Industry with Machine Learning
Maximum Marks	4 Marks

Product Backlog, Sprint Schedule, and Estimation

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-1	Collection Data, downloading the dataset	1	High	Sowmika	28-06-24	30-06-24
Sprint-2	Loading The Dataset	SCRUM-4	Loading the dataset from kaggle, importing,reading, descriptive analysis	1	High	Sowmith	30-06-24	02-06-24
Sprint-3	Data pre-processing	SCRUM-8	Checking null values,handling missing values, EDA, Handling categorical values,splitting test, train	2	High	Tannishtha/ Sowmith	02-07-24	04-07-24
Sprint-4	Model Building	SCRUM-14	Random forest, descision tree, XgBoost, ARIMA, comparing	3	High	Sowmika/ Pranav	04-07-24	06-07-24
Sprint-5	Application Building	SCRUM-20	Building html, building the python code in flask	1	High	Pranav	06-07-24	09-07-24

Sprints

SCRUM-1 Data Collection
- SCRUM-2 Download the Dat... **DONE**

SCRUM-4 Loading the Dataset
- SCRUM-5 Import Dataset fro... **DONE**
- SCRUM-6 Reading the Datas... **DONE**
- SCRUM-7 Descriptive Analysis **DONE**

SCRUM-8 Data pre-processing
- SCRUM-9 Checking for null v... **DONE**
- SCRUM-10 Handling missing ... **DONE**
- SCRUM-11 EDA **DONE**
- SCRUM-12 Handling Categor... **DONE**
- SCRUM-13 Split dataset into ... **DONE**

SCRUM-14 Model Building
- SCRUM-15 Random Forest **DONE**
- SCRUM-16 Decision Tree **DONE**
- SCRUM-17 XGboost **DONE**
- SCRUM-18 ARIMA **DONE**
- SCRUM-19 Comparative Study **DONE**

SCRUM-20 Application building
- SCRUM-21 Building HTML **DONE**
- SCRUM-22 Building Python i... **DONE**
- SCRUM-23 Run **DONE**