

## Initial Project Planning Template

Date	5 May 2024
Team ID	737906
Project Name	Walmart Sales Analysis for Retail Industry with Machine Learning
Maximum Marks	4 Marks

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

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-1	Data Collection	USN-1	Download the Dataset	Low	Sri Chaitrika	03/05/2024	10/05/2024
Sprint-2	Loading the Dataset	USN-2	Importing the Libraries	Medium	Sri Chaitrika	03/05/2024	10/05/2024
Sprint-2	Loading the Dataset	USN-3	Read the Dataset	Medium	Sri Chaitrika	03/05/2024	10/05/2024
Sprint-2	Loading the Dataset	USN-4	Descriptive Analysis	Medium	Sri Chaitrika	03/05/2024	10/05/2024
Sprint-3	Data Pre-Processing	USN-5	Checking for Null Values	High	Shruthi Reddy	03/05/2024	10/05/2024

<b>Sprint</b>	<b>Functional Requirement (Epic)</b>	<b>User Story Number</b>	<b>User Story / Task</b>	<b>Priority</b>	<b>Team Members</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>
Sprint-3	Data Pre-Processing	USN-6	Handling Negative Values	Medium	Shruthi Reddy	03/05/2024	10/05/2024
Sprint-3	Data Pre-Processing	USN-7	Exploratory Data Analysis	Medium	Shruthi Reddy	03/05/2024	10/05/2024
Sprint-3	Data Pre-Processing	USN-8	Handling Categorical Values	Medium	Shruthi Reddy	03/05/2024	10/05/2024
Sprint-3	Data Pre-Processing	USN-9	Splitting Data into Train and Test	Medium	Shruthi Reddy	03/05/2024	10/05/2024
Sprint-4	Model Building	USN-10	Random Forest	High	Devi Manogna Matta	03/05/2024	10/05/2024
Sprint-4	Model Building	USN-11	Decision Tree	High	Devi Manogna Matta	03/05/2024	10/05/2024

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Sprint-4	Model Building	USN-12	XgBoost	High	Devi Manognya Matta	03/05/2024	10/05/2024
Sprint-4	Model Building	USN-13	ARIMA	High	Devi Manognya Matta	03/05/2024	10/05/2024
Sprint-4	Model Building	USN-14	Comparing The Models	High	Devi Manognya Matta	03/05/2024	10/05/2024
Sprint-5	Application Building	USN-15	Building HTML Pages	High	Anahitha Reddy	03/05/2024	10/05/2024
Sprint-5	Application Building	USN-16	Building the Python Code in Flask	High	Anahitha Reddy	03/05/2024	10/05/2024
Sprint-5	Application Building	USN-17	Run The Application	High	Anahitha Reddy	03/05/2024	10/05/2024

