

## Initial Project Planning Template

Date	15 March 2024
Team ID	LTVIP2024TMID24986
Project Name	Movie Box Office Gross Prediction 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	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-1	Data Collection and Preparation	USN-1	Collect and clean movies data.	High	Bramham and Bhanu	23/09/2024	26/09/2024
Sprint-1	Data Collection and Preparation	USN-2	Explore dataset for key features.	High	Bramham	23/09/2024	26/09/2024
Sprint-2	Data Collection and Preparation	USN-3	Handle missing values and outliers.	Medium	Sai kiran and Pavani	23/09/2024	26/09/2024
Sprint-2	Model Training	USN-4	Train machine learning models to predict revenue.	High	Bramham, Bhanu and Sai kiran	27/09/2024	30/09/2024
Sprint-3	Model Evaluation and Tuning	USN-5	Evaluate models and pick the best one.	High	Sai kiran, Bhanu and Pavani	27/09/2024	30/09/2024

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Sprint-3	Model Evaluation and Tuning	USN-6	Tune model hyperparameters.	Medium	Bhanu and Pavani	27/09/2024	30/09/2024
Sprint-4	Insights and Reporting	USN-7	Generate insights and visualizations for users.	Medium	Bramham	27/09/2024	30/09/2024
Sprint-4	Documentation	USN-8	Document the project process and findings.	Medium	Bramham and Sai kiran	27/09/2024	30/09/2024
Sprint-5	Application Building	USN-9	Design the app's user interface.	High	Bramham and Bhanu	01/10/2024	05/10/2024
Sprint-5	Application Building	USN-10	Implement the backend to handle data and predictions. Integrate the ML model with the app for real-time predictions.	High	Bramham, Sai Kiran and Pavani	01/10/2024	05/10/2024
Sprint-6	Application Building	USN-11	Test the app for functionality and user-friendliness and deploy.	High	Sai kiran and Pavani	06/10/2024	10/10/2024