

Initial Project Planning Template

Date	12 June 2025
Team ID	SWTID1749662491
Project Name	Online Payments Fraud Detection using Machine Learning
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 Collection and Preprocessing	USN-1	Collecting and understanding transaction data	2	Low	Oviyaa	2025/06/12	2025/06/13
Sprint-1	Data Collection and Preprocessing	USN-2	Cleaning and encoding transaction records	1	High	Harsha	2025/06/12	2025/06/13
Sprint-1	Exploratory Data Analysis (EDA)	USN-3	Visualizing trends and identifying anomalies in transaction data	2	Medium	Oviyaa	2025/06/12	2025/06/14
Sprint-1	Model Development	USN-4	Implementing ML model for fraud detection (Random Forest / XGBoost etc.)	3	Medium	Saksham	2025/06/14	2025/06/15
Sprint-1	Model Evaluation	USN-5	Evaluating the model using confusion matrix, ROC-AUC, precision-recall	2	Medium	Saksham	2025/06/15	2025/06/16

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-2	Model Tuning and Testing	USN-6	Model tuning	3	High	Harsha	2025/06/15	2025/06/16
Sprint-2	Model Tuning and Testing	USN-7	Model testing	2	Medium	All members	2025/06/15	2025/06/16
Sprint-2	Web Integration and Deployment	USN-8	Building HTML templates	2	Low	Amarnadh	2025/06/16	2025/06/18
Sprint-2	Web Integration and Deployment	USN-9	Deploying the model using Flask and integrating with frontend	3	Medium	Amarnadh	2025/06/16	2025/06/17
Sprint-2	Documentation	USN-10	Creating detailed documentation and compiling the final project report	1	Medium	All members	2025/06/17	2025/06/19