

Initial Project Planning Template

Date	15 June 2025
Team ID	SWTID1751617613
Project Name	Auto Insurance 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	USN-1	As a user, I want to collect and clean auto insurance claim data from verified sources so I can prepare it for training.	2	High	Krrish, Pakhi	15 June 2025	17 June 2025
Sprint-2	Feature Engineering	USN-2	As a user, I want to extract key fraud-related features (e.g., claim amount, claim frequency) from the dataset.	1	High	Pakhi, Vedant	18 June 2025	19 June 2025
Sprint-3	Model Building	USN-3	As a user, I want to train a machine learning model to classify whether a claim is fraudulent or genuine.	2	High	Vedant, Krrish	20 June 2025	22 June 2025
Sprint-4	Evaluation & Tuning	USN-4	As a user, I want to evaluate model accuracy and tune hyperparameters to improve detection performance.	2	Medium	Krrish, Pakhi	23 June 2025	25 June 2025
Sprint-5	Deployment & Interface	USN-5	As a user, I want to deploy the model through a web interface so that fraud analysts can input data and get predictions.	2	Medium	Pakhi, Vedant	26 June 2025	28 June 2025