Project Planning Phase

Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

Date	
Team ID	LTVIP2026TMIDS40243
Project Name	Online Payments Fraud Detection
Maximum Mark	5 Marks

Product Backlog &Sprint Schedule

(Updated for Online Payments Fraud Detection System)

Sprint - 1 : Data Preparation & EDA

Sprint	Functional Requirement (Epic)	User Story / Task	User Story / Task	Story Points	Priority Team Members
Sprint-1 Data-1 seomics	Data Collection	As a developer, I want to load Kaggle fraud dataset to analyze transaction data.	As a developer, I want to load the Kaggle fraud dataset to analyze transaction data.	.3	Likitha
Sprint-1 USN-2 seomics	Data Cleaning	As a developer, I want to remove unnecessary columns (nameOrig, nameDest).	As a developer, I want to remove unnecessary columns (nameOrig.	2	Lekhya
Sprint-1 USN-3 seomics	EDA	As a data analyst, I want to visualize fraud vs non-fraud distribution	As a data analyst, I want visualize fraud vs non-fraud distribution.	3	Lekhya

Sprint - 2 : Model Training & Evaluation

Sprint	Functional	User Story (1S-1	User Story No.	Sprint Start Date	Sprint End Date	Story Points completed	Sprint Release Date
Sprint-2	Model Training	USN-3	USN-5	01 Feb 2026	05 Feb 2026	4	05 Feb 2026
Sprint-2	Model Comparison		USN-6	06 Feb 2026	11 Feb 2026	4	11 Feb 2026
Sprint-3	Model Evaluation		USN-7	12 Feb 2026	16 Feb 2026	3	16 Feb 2026

Project Tracker & Sprint Details

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date	Sprint Release Sprint
Sprint-1	11	5 Days	01 Feb 2026	05 Feb 2026	05 Feb 2026
Sprint-2	11	6 Days	06 Feb 2026	11 Feb 2026	11 Feb 2026
Sprint-3	9	5 Days	12 Feb 2026	16 Feb 2026	16 Feb 2026

Velocity Calculation (For Report)

If sprint duration = 5 days

Average story points per sprint = 11

$$\text{Velocity (AV)} = \frac{\text{Total Story Points}}{\text{Sprint Duration}} = 2.2$$

AV = 11 / 5 = 2.2 story points per day