

Project Planning Phase

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

Date	15 February 2025
Team ID	LTVIP2026TMIDS54415
Project Name	Online Payment Fraud Detection using Machine Learning
Maximum Marks	5 Marks

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

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Member
Sprint-1	User Registration	USN-1	As a user, I want to register using email and password, so that I can access the system securely.	2	High	Sneha Alishetty
Sprint-1	User Registration	USN-2	As a user, I want to receive an email confirmation after registration, so that my account is verified.	1	High	Somisetty Vasanth Kumar
Sprint-1	Login	USN-3	As a user, I want to log in using my email and password, so that I can access my dashboard.	1	High	Syed Aashifa
Sprint-2	Fraud Detection	USN-4	It want to detect suspicious transactions	5	High	Tharugu Sree Lakshmi

			using a machine learning model, so that fraud can be identified in real-time.			
Sprint-2	Alert System	USN-5	It want to receive an alert when fraud is detected, so that I can take immediate action.	3	High	Syed Aashifa
Sprint-3	Dashboard	USN-6	As an admin, I want to view a fraud statistics dashboard, so that I can monitor system performance.	3	Medium	Somisetty Vasanth Kumar
Sprint-3	Reporting	USN-7	It want to generate monthly fraud detection reports, so that fraud trends can be analyzed.	3	High	Tharugu Sree Lakshmi

Project Tracker, Velocity & Burndown Chart: (4 Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed	Sprint Release Date (Actual)
Sprint-1	4	5 Days	4 Feb 2026	9 Feb 2026	4	10 Feb 2026
Sprint-2	8	6 Days	5 Feb 2026	11 Feb 2026	8	12 Feb 2026
Sprint-3	6	6 Days	6 Feb 2026	11 Feb 2026	6	12 Feb 2026

Sprint-4	2	3 Days	7 Mar 2026	10 Feb2026	2	13 Feb 2026
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Velocity Formula

Velocity = Total Story Points / Number of Sprints

= 20 / 4

= **5 Story Points per Sprint**

Burndown Chart:

