

## 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 Feb 2026	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:

