

Project Planning & Scheduling Phase

Date	6 FEBRUARY 2026
Team ID	LTVIP2026TMIDS79486
Project Name	Project – Online Fraud Detection System
Maximum Marks	8 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 Members
Sprint-1	Online Shopping	USN-1	As a customer, I want the system to alert me if a suspicious transaction is detected on my account.	5	High	Sushma
Sprint-1		USN-2	As a customer, I want the system to alert me the receiver is a potential scammer.	5	High	Geervani
Sprint-2		USN-3	As a customer, I should be able to flag the receiver as scammer.	3	Medium	Kavadi Tejasri
Sprint-2		USN-4	As a user I can register for the application through entering email and password	3	High	Monisha
Sprint-3	Administration	USN-1	As an admin, I want to generate monthly reports on the accuracy of the fraud detection system.	3	High	Nikhil

Sprint-3		USN-2	As an admin, I want to view a dashboard summarizing all detected fraud attempts in the past month.	2	Medium	Sushma
Sprint-4	Government	USN-1	Government should be informed about potential scammers who are using fake credit cards, so that they can take legal actions.	2	Medium	Geervani

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

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	10	5 Days	06-02-2026	10-02-2026	10	11-02-2026
Sprint-2	6	4 Days	11-02-2026	14-02-2026	16	14-02-2026
Sprint-3	5	4 Days	15-02-2026	18-02-2026	21	19-02-2026
Sprint-4	2	3 Days	19-02-2026	21-02-2026	23	21-02-2026
Sprint-5	1	1 Day	21-02-2026	21-02-2026	24	21-02-2026

Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let us calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{10} = 2$$

Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

