Project Planning Phase

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

Date	27 October 2023
Team ID	Team-592416
Project Name	Project – Fraud Detection using ML
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	Arjun, Pranav
Sprint-1		USN-2	As a customer, I want the system to alert me the receiver is a potential scammer.	5	High	Kanishak, Aryan
Sprint-2		USN-3	As a customer, I should be able to flag the receiver as scammer.	3	Medium	Arjun, Pranav
Sprint-2		USN-4	As a user I can register for the application through entering email and password	3	High	Kanishak, Aryan
Sprint-3	Administration	USN-1	As an admin, I want to generate monthly reports on the accuracy of the fraud detection system.	3	High	Arjun, Pranav
Sprint-3		USN-2	As an admin, I want to view a dashboard summarizing all detected fraud attempts in the past month.	2	Medium	Kanishak, Aryan
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	Kanishak, Aryan

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	25 Oct 2023	29 Oct 2023	10	
Sprint-2	6	4 Days	30 Oct 2023	2 Nov 2023	16	
Sprint-3	5	4 Days	3 Nov 2023	6 Nov 2023	21	
Sprint-4	2	3 Days	7 Nov 2023	9 Nov 2023	23	

Velocity:

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

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

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.

https://www.visual-paradigm.com/scrum/scrum-burndown-chart/

https://www.atlassian.com/agile/tutorials/burndown-charts

Reference:

https://www.atlassian.com/agile/project-management

https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software

https://www.atlassian.com/agile/tutorials/epics

https://www.atlassian.com/agile/tutorials/sprints

https://www.atlassian.com/agile/project-management/estimation

https://www.atlassian.com/agile/tutorials/burndown-charts