<div align="center">

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

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Date	18 November 2023
Team ID	PNT2023TMID592341
Project Name	Project – Online Payments Fraud Detection Using Machine Learning
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	Ideation Phase	USN-1	Empathy Map Canvas	1	Medium	Sneha, Ishanvi, Devanshi, Pratyush
Sprint - 2	Ideation Phase	USN-2	Brainstorm and Prioritize Ideas	1	Medium	Sneha, Ishanvi, Devanshi, Pratyush
Sprint - 3	Project Design Phase	USN-3	Proposed Solution	1	Low	Devanshi, Ishanvi, Pratyush, Sneha
Sprint - 4	Project Design Phase	USN-4	Solution Architect	1	Medium	Devanshi, Ishanvi, Pratyush, Sneha
Sprint - 5	Project Design Phase	USN-5	Data Flow Diagram and User Story	1	High	Devanshi, Ishanvi, Pratyush, Sneha

Sprint	Phase	USN	Description	Points	Priority	Team
Sprint - 6	Project Planning Phase	USN-6	Technology Stack	1	Low	Pratyush, Ishanvi, Sneha, Devanshi
Sprint - 7	Project Planning Phase	USN-7	Project Planning Details	1	Medium	Pratyush, Ishanvi, Sneha, Devanshi
Sprint - 8	Project Development Phase	USN-8	Model Building and Flask Integration	3	High	Ishanvi, Devanshi, Pratyush, Sneha
Sprint - 9	Performance and Final Submission Phase	USN-9	Solution Performance	1	High	Ishanvi, Devanshi, Pratyush, Sneha
Sprint - 10	Performance and Final Submission Phase	USN-10	Project Documentation	2	High	Ishanvi, Devanshi, Pratyush, Sneha

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	20	1 Day	30 Oct 2023	30 Oct 2023	20	30 Oct 2023
Sprint - 2	20	1 Day	31 Oct 2023	31 Oct 2023	20	31 Oct 2023
Sprint - 3	20	1 Day	1 Nov 2023	1 Nov 2023	20	1 Nov 2023
Sprint - 4	20	1 Day	2 Nov 2023	2 Nov 2023	20	2 Nov 2023
Sprint - 5	20	1 Day	3 Nov 2023	3 Nov 2023	20	3 Nov 2023
Sprint - 6	20	1 Day	4 Nov 2023	4 Nov 2023	20	4 Nov 2023
Sprint - 7	20	1 Day	5 Nov 2023	5 Nov 2023	20	5 Nov 2023

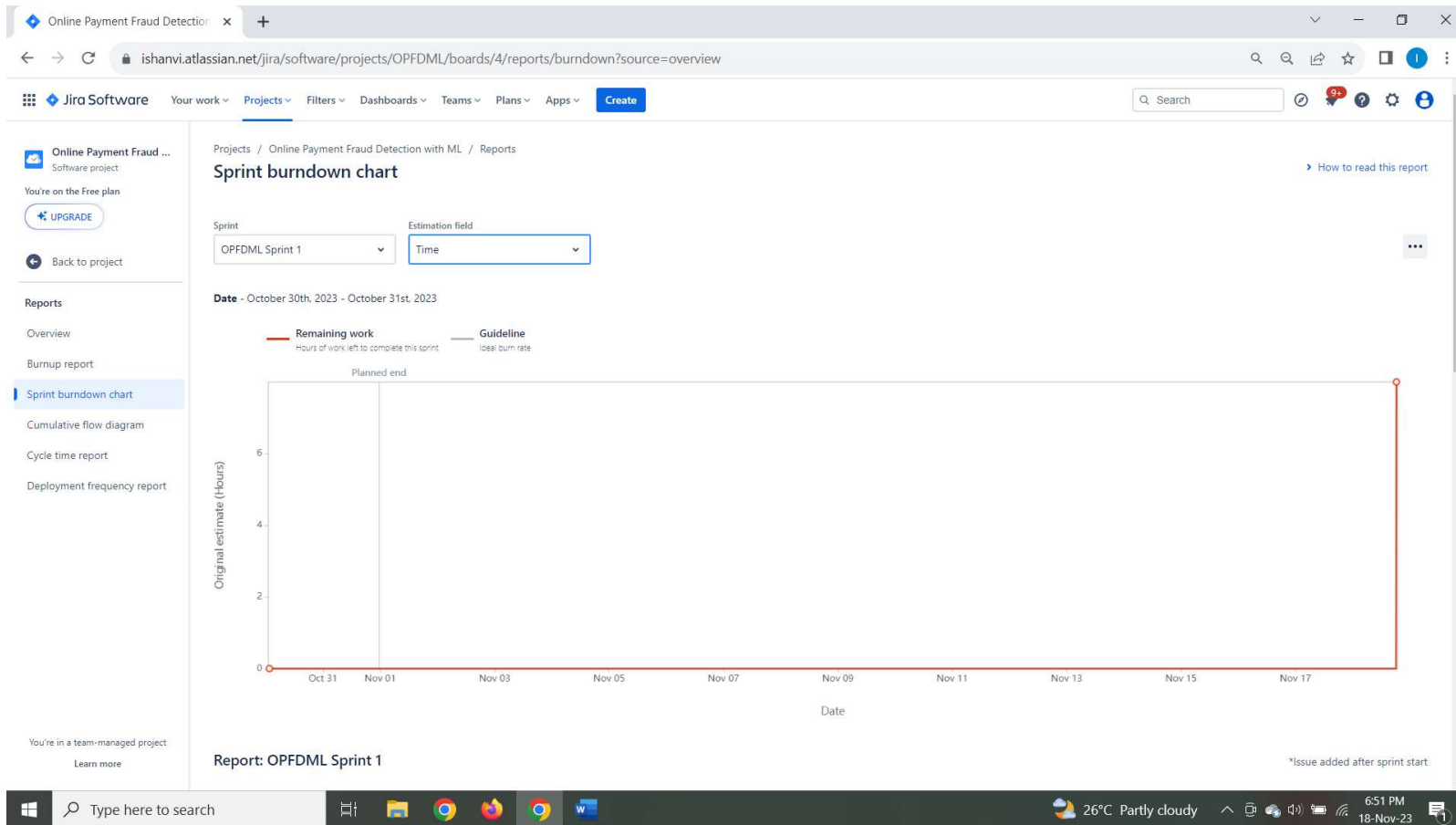| Sprint - 8	20	3 Days	6 Nov 2023	8 Nov 2023	20	8 Nov 2023
Sprint - 9	20	1 Day	9 Nov 2023	9 Nov 2023	20	9 Nov 2023
Sprint - 10	20	2 Days	18 Nov 2023	19 Nov 2023	20	19 Nov 2023

Velocity:

We have a 20-day sprint duration, and the velocity of the team is 20 (points per sprint). Hence the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{sprint\ duration}{velocity}$$

$$AV = 20\ /\ 20 = 1$$

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.

Timeline View:

Board View:

Backlog View:

Timeline View: