

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 |

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|-------------|--|--------|--------------------------------------|---|--------|------------------------------------|
| 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 |

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|-------------|----|--------|-------------|-------------|----|-------------|
| 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:

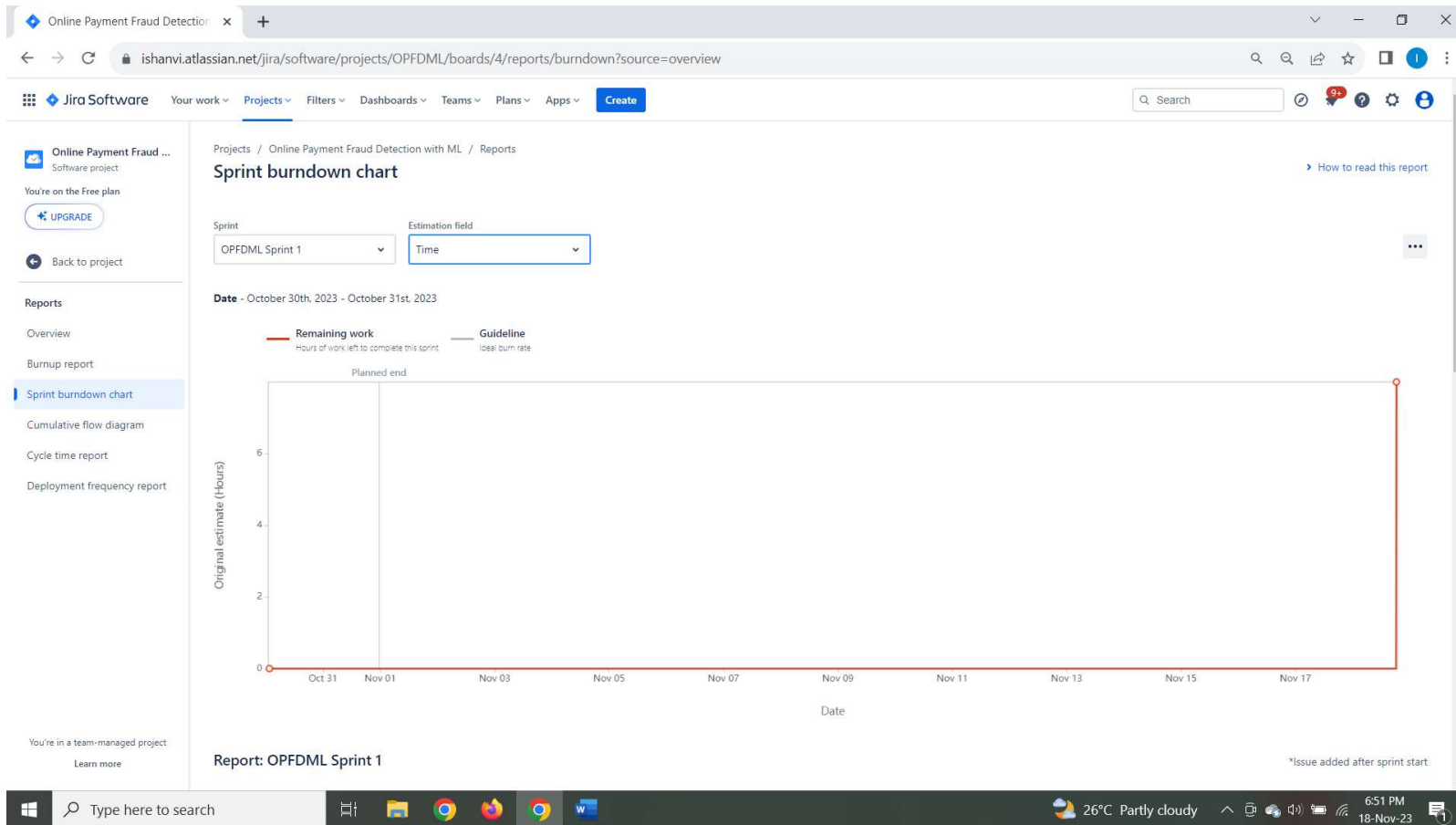
We have a 20-day sprint duration, and the velocity of the team is 20 (points per sprint). Hence the team's average velocity (AV) per iteration unit (story points per day)

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

$$AV = 20 / 20 = 1$$

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:

Online Payment Fraud Detection x +

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OPFDML-1 Ideation Phase DONE

OPFDML-2 Project Design Phase

OPFDML-3 Project Planning Phase

OPFDML-4 Project Development Phase

OPFDML-5 Performance and Final Sub...

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Today Weeks Months Quarters

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Board View:

OPFDML board - Agile board - J

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TO DO 1

IN PROGRESS 1

DONE 3 ✓

Solution Architect

PROJECT DESIGN PHASE

OPFDML-9

1d

DP

Data Flow Diagram

PROJECT DESIGN PHASE

OPFDML-10

1d

DP

Empathy map canvas

IDEATION PHASE

📅 30 OCT

OPFDML-6

✓

1d

SV

Brainstorm and Prioritise ideas

IDEATION PHASE

📅 31 OCT

OPFDML-7

✓

1d

SV

Project Solution

PROJECT DESIGN PHASE

OPFDML-8

✓

1d

DP

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Backlog View:

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OPFDML Sprint 1 30 Oct – 31 Oct (2 issues) 0m 0m 2d Complete sprint

- OPFDML-6 Empathy map canvas IDEATION PHASE DONE 30 OCT 1d SV
- OPFDML-7 Brainstorm and Prioritise ideas IDEATION PHASE DONE 31 OCT 1d SV

+ Create issue

OPFDML Sprint 2 1 Nov – 3 Nov (3 issues) 1d 1d 1d Complete sprint

- OPFDML-8 Project Solution PROJECT DESIGN PHASE DONE 1d DP
- OPFDML-10 Data Flow Diagram PROJECT DESIGN PHASE IN PROGRESS 1d DP
- OPFDML-9 Solution Architect PROJECT DESIGN PHASE TO DO 1d DP

+ Create issue

OPFDML Sprint 3 6 Nov – 7 Nov (2 issues) 2d 0m 0m Start sprint

- OPFDML-11 Technology Stack PROJECT PLANNING P... TO DO 1d PA
- OPFDML-12 Project Planning Details PROJECT PLANNING P... TO DO 1d PA

+ Create issue

2 issues | Estimate: 2d

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Timeline View:

