# Project Planning Phase

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

| Date | 07-11-2023 |
|---|---|
| Team ID | Team-592036 |
| Project Name | Online Payment Fraud Detection Using ML |
| Maximum Marks | 8 Marks |

## Product Backlog, Sprint Schedule, and Estimation (4 Marks)

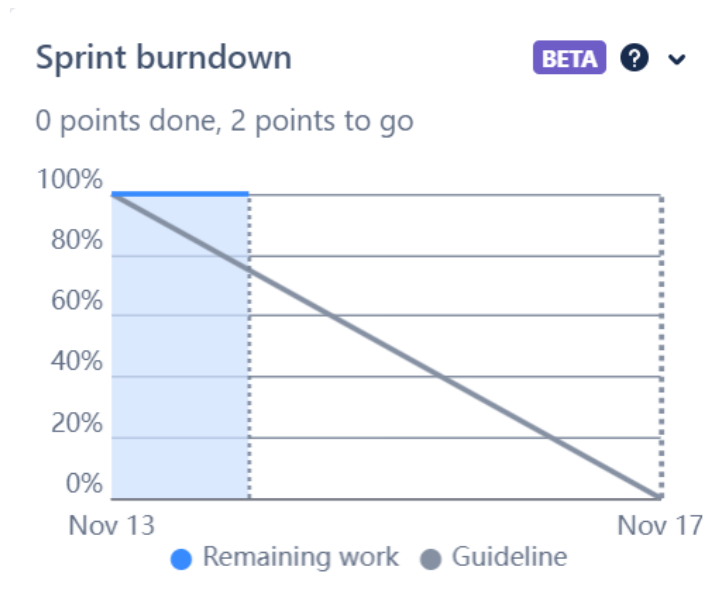| Sprint | Functional Requirement | User Story Number | User Story/Task | Story Points | Priority | Team Members |
|---|---|---|---|---|---|---|
| Sprint1 | Online Payment Security | USN-1 | As a customer, I want to ensure that my online payments are secure and protected from fraud. | 2 | High | Arun |
| Sprint1 | Fraudulent transaction reporting | USN-2 | As a customer, I want to be able to report fraudulent transactions easily and quickly. | 3 | Medium | Rishmitha |
| Sprint2 | Fraud detection model training | USN-3 | As a system administrator, I want to be able to train and deploy fraud detection models. | 4 | High | Sree Lekha |
| Sprint3 | Transaction history | USN-4 | As a customer, I want to be able to view my transaction history. | 2 | Medium | Rishmitha |
| Sprint3 | Fraud detection model monitoring | USN-5 | As a system administrator, I want to be able to monitor the performance of fraud detection models. | 3 | High | Prabhas |
| Sprint4 | Fraud transaction alerts | USN-6 | As a customer, I want to receive alerts about potential fraudulent transactions. | 3 | Medium | Arun |
| Sprint5 | Fraud detection model tuning | USN-7 | As a system administrator, I want to be able to tune fraud detection models to improve accuracy. | 3 | Medium | Sree Lekha |

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

| Sprint | Total Story Points | Duration | Sprint Start Date | Sprint End Date | Story Points Completed | Sprint Release Date |
|--------|-------------------|----------|-------------------|-----------------|------------------------|---------------------|
| Sprint-1 | 5 | 5 days | 15th Nov | 19th Nov | | |
| Sprint-2 | 4 | 5 days | 17th Nov | 21st Nov | | |
| Sprint-3 | 5 | 6 days | 18th Nov | 23rd Nov | | |
| Sprint-4 | 3 | 4 days | 21st Nov | 24th Nov | | |
| Sprint-5 | 3 | 3 days | 23rd Nov | 25th Nov | | |

## Velocity:

$$AV = \text{Sprint duration / velocity}$$
$$= 23 / 20$$
$$= 1.15$$

## Burndown Chart:

# Board Section:

## Backlog Section:



## Timeline Section: