Project Planning Phase

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

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| Date | 01 November 2023 |
| Team Leader | M. Akash |
| Project Name | Online Payments Fraud Detection Using Machine Learning |

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

Use the below template to create product backlog and sprint schedule

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| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| Sprint-1 | User Registration | USN-1 | As a user, I want the system to validate the payment method before processing the transaction. | 2 | High |  |
| Sprint-1 |  | USN-2 | As a user, I want to receive an alert if a suspicious transaction is detected. | 1 | High |  |
| Sprint-2 |  | USN-3 | As a user, I want to receive messages notifications for transactions marked as potentially fraudulent. | 2 | Low |  |
| Sprint-1 |  | USN-4 | As an administrator, I want access to real-time transaction logs for monitoring and investigation. | 2 | Medium |  |
| Sprint-1 | User Login | USN-5 | As a user, I want to have the option to OTP-out of fraud detection. | 1 | High |  |
|  | Dashboard |  |  |  |  |  |
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Project Tracker, Velocity & Burndown Chart: (4 Marks)

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| **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 | 6 Days | 24 Oct 2023 | 29 Oct 2023 | 20 | 1 Nov 2023 |
| Sprint-2 | 20 | 6 Days | 31 Oct 2023 | 05 Nov 2023 |  |  |
| Sprint-3 | 20 | 6 Days | 07 Nov 2023 | 12 Nov 2023 |  |  |
| Sprint-4 | 20 | 6 Days | 14 Nov 2023 | 19 Nov 2023 |  |  |
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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)