Project Planning Phase

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

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| --- | --- |
| Team ID | PNT2022TMID08090 |
| Project Name | University Admit Eligibility Predictor |
| Maximum Marks | 8 Marks |

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

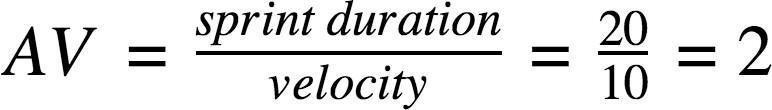
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| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| Sprint-1 | Data collection | USN-1 | As a admin, the historical data is collected for preprocessing technique. | 1 | Medium | BHUVAN HR  CHETHAN R |
| Sprint-1 | Data Preprocessing | USN-2 | As a admin, The collected data is prepared and making it suitable for model building. | 2 | Medium | DINESH S  DINESHHKUMAR S |
| Sprint-2 | Model Building | USN-3 | As a admin, a model is built using various machine learning techniques,. | 2 | High | CHETHAN R |
| Sprint-2 | Model Testing | USN-4 | As a admin, the Built model has been checked for accuracy and other performance metrics. | 1 | High | BHUVAN HR |
| Sprint-3 | Integration | USN-5 | As a admin, the frontend and the developed Machine Learning model is integrated using flask API | 1 | High | CHETHAN R  DINESH S  DINESHH KUMAR S |
| Sprint-4 | Deployment in Cloud | USN-6 | As a admin, the developed application is deployed in the cloud so that it can be accessed by anyone. | 2 | High | BHUVAN HR  CHETHAN R  DINESH S  DINESHH KUMAR S |

**Project Tracker, Velocity: (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 | 6 Days | 24 Oct 2022 | 29 Oct 2022 | 20 | 29 Oct 2022 |
| Sprint-2 | 20 | 6 Days | 31 Oct 2022 | 05 Nov 2022 | 20 | 05 Nov 2022 |
| Sprint-3 | 20 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | 20 | 12 Nov 2022 |
| Sprint-4 | 20 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | 20 | 19 Nov 2022 |

# 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)



# 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](https://www.visual-paradigm.com/scrum/what-is-agile-software-development/) methodologies such as [Scrum](https://www.visual-paradigm.com/scrum/scrum-in-3-minutes/). However, burn down charts can be applied to any project containing measurable progress over time.

