**Project Planning Phase**

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

|  |  |
| --- | --- |
| Date | 4 November 2022 |
| Team ID | PNT2022TMID17997 |
| Project Name | University Admit Eligibility Predictor |
| 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** | **Acceptance criteria** | **Story Points** | **Priority** | **Team members** |
| Sprint - 1 | Sign Up | USN - 1 | As a user, I can sign up as a member using my mail id. | I can access my account. | 20 | High | Jeeva Regha. S |
| Sprint - 2 | Login | USN - 2 | As a user, I can login into my account using user id and password. | I can access my account. | 20 | High | Vidharsana. P |
| Sprint - 4 | Homepage | USN - 3 | As a user, I can search for universities of my liking. | I can view the detail of the university of my choice. | 20 | High | Santhanalakshmi. J |
| Sprint - 3 | Prediction | USN - 4 | As a user, I can view my prediction output. | I can view the prediction result of the university of my choice. | 20 | High | Sanjana. M |

**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 | 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)

Sprint 1: 1 user story x 20 story points = 20

Sprint 2: 1 user story x 20 story points = 20

Sprint 3: 1 user story x 20 story points = 20

Sprint 4: 1 user story x 20 story points = 20

Total = 80

Average sprint velocity = 80 / 4 = 20

**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.

