**Project Planning Phase**

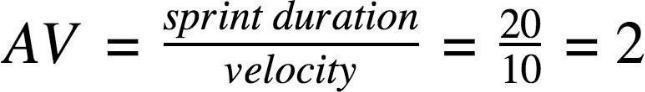
**Project Planning (Product Backlog, Sprint Planning, Stories, Story points)**

|  |  |
| --- | --- |
| Date | 03 November 2022 |
| Team ID | PNT2022TMID53812 |
| 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** | **User** | **User Story / Task** | **Story** | **Priority** | **Team Members** |
|  | **Requirement** | **Story** |  | **Points** |  |  |
|  | **(Epic)** | **Number** |  |  |  |  |
| Sprint-1 | Registration | USN-1 | As a user, I will be able to register my application by entering my email, password, and confirming my password. | 2 | High | Aaron Muthu Raja.S |
| Sprint-1 |  | USN-2 | As a user, I will be able to receive an email confirmation after registration. | 1 | High | Ivin Desmond.N |
| Sprint-2 |  | USN-3 | As a user, I can register for the application through Gmail. | 2 | Low | Aaron Muthu Raja.S |
| Sprint-1 |  | USN-4 | As a user, I can register for the application by entering details by self. | 2 | Medium | Abisheik Jebastin.A |
| Sprint-1 | Login | USN-5 | As a user, I can log into the application by entering email & password | 1 | High | Doni Rikash |
|  | Dashboard |  |  |  |  |  |

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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Total** | **Duration** | **Sprint** | **Sprint End** | **Story Points** | **Sprint** |
|  | **Story** |  | **Start Date** | **Date** | **Completed** | **Release Date** |
|  | **Points** |  |  | **(Planned)** | **(as on**  **Planned End Date)** | **(Actual)** |
| Sprint-1 | 20 | 3 Days | 03 Nov  2022 | 05 Nov 2022 | 20 | 06 Nov 2022 |
| Sprint-2 | 20 | 3 Days | 07 Nov  2022 | 09 Nov 2022 | 20 | 10 Nov 2022 |
| Sprint-3 | 20 | 3 Days | 11 Nov 2022 | 13 Nov 2022 | 20 | 14 Nov 2022 |
| Sprint-4 | 20 | 2 Days | 15 Nov  2022 | 16 Nov 2022 | 20 | 17 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 burndown chart plots the amount of work remaining against the amount of time. In agile software development approaches like Scrum, it is frequently employed. Burn down charts, however, can be used for any project that makes observable progress over time.

<https://www.visual-paradigm.com/scrum/scrum-burndown-chart/><https://www.atlassian.com/agile/tutorials/burndown-charts>

**References:**

<https://www.atlassian.com/agile/project-management><https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software><https://www.atlassian.com/agile/tutorials/epics><https://www.atlassian.com/agile/tutorials/sprints><https://www.atlassian.com/agile/project-management/estimation><https://www.atlassian.com/agile/tutorials/burndown-charts>