**Project Planning Phase**

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

|  |  |
| --- | --- |
| Date | 18 October 2022 |
| Team ID | PNT2022TMIDxxxxxx |
| Project Name | Project - xxx |
| 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** | **Story Points** | **Priority** | **Team**  **Members** |
| Sprint-1 | Registration | USN-1 | As a user, I can say I am getting accurate result. | 2 | High | Chit Hindocha |
| Sprint-2 |  | USN-2 | I am reliable how it safes my life everytime. | 1 | High | Chit Hindocha |
| Sprint-3 |  | USN-3 | Now we can easily supply water which we don’t have any idea whether it is safe or not | 2 | Low | Vansh Garg |
| Sprint-4 |  | USN-4 | I am checking water status before drinking it | 2 | Medium | Vansh Garg |
| Sprint-5 | Login | USN-5 | Safe to drink water now | 1 | High | Kushagra |
| Sprint-6 |  | USN-5 | I am checking water status before drinking it | 1 | Medium | Kushagra |

**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 | 21 Days | 1 November 2023 | 21 October 2023 | 20 | 29 October 2023 |
| Sprint-2 | 20 | 6 Days | 21 October 2023 | 29 November 2023 | 20 | 2 November 2023 |
| Sprint-3 | 20 | 6 Days | 1 November 2023 | 9 November 2023 | 20 | 10 November 2023 |
| Sprint-4 | 20 | 6 Days | 11 November 2023 | 20 November 2023 | 20 | 22 November 2023 |

**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)

