**Project Development Phase**

**Delivery of Sprint - 4**

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

Team ID : PNT2022TMID22082

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

Use the below template to create product backlog and sprint schedule

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional**  **Requirements (Epic)** | **User**  **Story**  **Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| Sprint-4 | Shown The  Nutrition Details  And Recipe For  Scanned Food | USN-6 | As a user, I can scan foods to acquire their nutritional information and recipes. | 1 | High | Diksha  Amuthini  Jeevitha  Keerthana |

**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-4 | 20 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | 20 | 19 Nov 2022 |

**Velocity:**

Consider a scenario in which the sprint will last 10 days and the team's velocity is 20. (points per sprint). Let's determine the group's average velocity (AV) for each iteration (story points per day)



**Average Velocity = Story**

**Points per Day**

**Sprint Duration = Number of**

**(Duration) days per Sprint**

**Velocity = Points per Sprint**

**20**



**AV=**

**6**

# Therefore, the AVERAGE VELOCITY IS 4 POINTS PER SPRINT

**Burndown Chart:**

A burn down chart plots the amount of work remaining to perform 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

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | Sprint  number | Day 0 |  | Day 1 |  | Day 2 |  | Day 3 | Day 4 |  | Day 5 |  | Day 6 |
|  |  | Sprint-4 |  | 20 |  | 3 |  | 3 | 3 |  | 3 |  | 3 | 5 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| r emaining effort | | | 80 | 70 |  | 42 | 25 | 13 |  |  | 8 | 0 |
| ideal effort | | |  | 80 | 6  5 |  |  | 40 | 2  1 |  |  | 0 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |

