**PROJECT DEVELOPMENT PHASE**

**DELIVERY OF SPRINT - 4**

**PROJECT PLANNING TEMPLATE (PRODUCT BACKLOG, SPRINT**

**PLANNING, STORIES, STORY POINTS)**

|  |  |
| --- | --- |
| **TEAM ID** | **PNT2022TMID18149** |
| TEAM LEADER | Anupama A |
| TEAM MEMBER | Nishok RR |
| TEAM MEMBER | Sudagar S |
| TEAM MEMBER | Anil Patel D |

**PRODUCT BACKLOG, SPRINT SCHEDULE, AND ESTIMATION**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional**  **Requirements** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| Sprint-4 | Shown The  Nutrition  Details And  Recipe For  Scanned Food | USN-6 | The user can scan the food item to get the  nutrition details and  recipe for related scanned food. | 1 | High | Anupama A  Nishok RR  Sudagar S  Anil Patel D |

**PROJECT TRACKER, VELOCITY & BURNDOWN CHART**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 | 5 Days | 14 Nov 2022 | 18 Nov 2022 | 20 | 18 Nov 2022 |

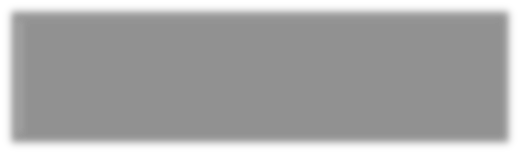
**VELOCITY:**

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)

Average Velocity= Story Points per Day

Sprint Duration = Number of (Duration) days per Sprint

Velocity = Points per Sprint



# AV=20/5=4

**Therefore, the AVERAGE VELOCITY IS 4 POINTS PER SPRINT**

**Burndown Chart:**

A burndown chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint No** | **Day 0** | **Day 1** | **Day 2** | **Day 3** | **Day 4** | **Day 5** |
| **Sprint 4** | 20 | 3 | 3 | 3 | 3 | 3 |
| **Remaining Effort** | 80 | 70 | 42 | 25 | 13 | 8 |
| **Ideal Effort** | 80 | 60 | 50 | 40 | 2 | 1 |

