**Project** **Development** **Phase**

**Delivery** **of** **Sprint** **-** **4**

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

**Team** **ID** **:** **PNT2022TMID50454**

**Team** **leader** **:** **Pooja P**

**Team** **member** **:** **Thilagavathi N**

**Team** **member** **:** **Sivatharani N**

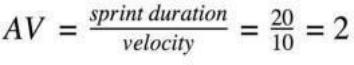
**Team** **member** **:** **Maharaja T**

**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-2 | User Details | USN-4 | As a user,I can fill the details | 2 | High | **Pooja P**  **Thilagavathi N**  **Sivatharani N**  **Maharaja T** |

**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-2 | 20 | 6 Days | 31 Oct 2022 | 05 Nov 2022 | 20 | 05 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**

**20**



**AV=**

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

**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 methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | Sprint  number | Day 0 | Day 1 | Day 2 | Day 3 | Day 4 | Day 5 | Day 6 |
|  |  | Sprint-2 | 20 | 2 | 10 | 4 | 1 | 1 | 2 |
|  |  |  |  |  |  |  |  |  |  |
| remaining effort | | | 80 | 70 | 42 | 25 | 13 | 8 | 0 |
| ideal effort | | |  | 80 6 5 |  |  | 40 2 1 |  | 0 |
|  |  |  |  |  |  |  |  |  |  |

