**Project Planning Phase**

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

|  |  |
| --- | --- |
| Date | 18 November 2022 |
| Team ID | PNT2022TMID08308 |
| Project Name | VirtualEye - Life Guard for Swimming Pools to Detect Active Drowning |
| Maximum Marks | 4 Marks |

**Sprint Delivery Plan**

**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 | 8 | 2Days | 31 Oct 2022 | 2 Nov 2022 | 2 | 04 Nov 2022 |
| Sprint-2 | 14 | 2 Days | 02 Nov 2022 | 04 Nov 2022 | 1 | 05 Nov 2022 |
| Sprint-3 | 16 | 2 Days | 07 Nov 2022 | 09 Nov 2022 | 3 | 12 Nov 2022 |
| Sprint-4 | 12 | 2 Days | 13 Nov 2022 | 15 Nov 2022 | 2 | 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)

For Sprint-1 the Average Velocity (AV) is: AV = Sprint Duration / velocity = 8 / 2=4V

For Sprint-2 the Average Velocity (AV) is: AV = Sprint Duration / velocity = 14 / 2= 7 V

For Sprint-3 the Average Velocity (AV) is: AV = Sprint Duration / velocity = 16 / 2 = 8 V

For Sprint-4 the Average Velocity (AV) is: AV = Sprint Duration / velocity = 12/ 2=6 V

TOTAL TEAM AVERAGE VELOCITY = 6.25