

Team ID Project Name Maximum Marks

PNT2022TMID19657

Smart waste management system 8 Marks

Project Planning Phase

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

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

Use the below template to create product backlog and sprint schedule

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional** | **User Story** | **User Story / Task** | **Story Points** | **Priority** | **Team** |
| **Requirement (Epic)** | **Number** | **Members** |
| Sprint-1 | Login | USN-1 | As a admin, I need to give access to both users and drivers for carring out the waste management system | 20 | High | Parthasarathy E |
| Sprint-2 | Dashboard | USN-2 | As a co-admin, i will manage the user request | 20 | High | Siva Ganesh S |
| And allocate, give instructions to drivers |
| Sprint-3 | Dashboard | USN-3 | As a Truck Driver, I’ll follow Admin’s | 20 | Medium | Suriya vishwa S C K |
| Instruction to reach the filling bin in short roots |
| and save time |
| Sprint-4 | Dashboard | USN-4 | As a officer. I will take care of reports | 20 | High | Thasneem S,  Thanya V |
| That are given by both the parties |

# Project Tracker, Velocity & Burndown Chart: (4 Marks)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Total Story** | **Duration** | **Sprint Start Date** | | **Sprint End Date** | | **Story Points** | **Sprint Release Date** |
| **Points** | **(Planned)** | | **Completed (as on** | **(Actual)** |
|  |  | | **Planned End Date)** |  |
| Sprint-1 | 20 | 6 Days | 24 | Oct 2022 | 29 | Oct 2022 | 20 | 29 Oct 2022 |
| Sprint-2 | 20 | 6 Days | 31 | Oct 2022 | 05 | Nov 2022 | 20 | 05 Nov 2022 |
| Sprint-3 | 20 | 6 Days | 07 | Nov 2022 | 12 | Nov 2022 | 20 | 12 Nov 2022 |
| Sprint-4 | 20 | 6 Days | 14 | Nov 2022 | 19 | Nov 2022 | 20 | 19 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)

