PROJECT PLANNING PHASE

PROJECT PLANNING TEMPLATE (PRODUCT BACKLOG, SPRINT PLANNING, STORIES, STORY POINTS)

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| --- | --- |
| Date | 03 November 2022 |
| Team ID | PNT2022TMID05666 |
| Project Name | Project - Smart Waste Management System For Metropolitan Cities |
| Maximum Marks | 8 Marks |

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

Use the below template to create product backlog and sprint schedule

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| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| Sprint-1 | Login | USN-1 | As a Administrator, I need to give user id and passcode for ever workers over there in municipality and I’ll control the waste level by monitoring them vai real time web portal. Once the filling happens, I’ll notify trash truck with location of bin with bin ID | 20 | High | Rithish |
| Sprint-2 | Dashboard | USN-3 | As a Truck Driver, I’ll follow Co-Admin’s  Instruction to reach the filling bin in short roots and save time | 20 | Low | Kaviarasu |
| Sprint-3 | Dashboard | USN-4 | As a Local Garbage Collector, I’II gather all the waste from the garbage, load it onto a garbage  truck, and deliver it to Landfills | 20 | Medium | Nishanth |
| Sprint-4 | Dashboard | USN-5 | As a Municipality officer, I'll make sure  everything is proceeding as planned and without any problems | 20 | High | Nitin |

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

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| --- | --- | --- | --- | --- | --- | --- |
| **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 | 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 |
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**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)

