PROJECT PLANNING PHASE

PROJECT PLANNING TEMPLATE (PRODuCT BACkLOG, SPRINT PLANNING, STORIES, STORYPOINTS)

|  |  |
| --- | --- |
| *Team ID* | *92172019104055* |
| *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*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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  password for ever workers over there in municipality | 1 | High | Haridev |
| Sprint-1 | Login | USN-2 | As a Co-Admin, I’ll control the waste level by monitoring them by real time web portal.  Once the filling happens, I’ll notify trash truck with location of bin with bin ID | 1 | High | Kaushika |
| Sprint-2 | Dashboard | USN-3 | As a Truck Driver, I’ll follow administrators  Instruction to reach the filling bin in short roots and save time | 2 | Low | Akash |
| 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 | 2 | Medium | Nivetha |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional**  **Requirement (Epic)** | **User Story**  **Number** | **User Story / Task** | **Story Points** | **Priority** | **Team**  **Members** |
| Sprint-4 | Dashboard | USN-5 | As a Municipality officer, I'll make sure  everything is proceeding as planned and without any problems 20 High | 2 | High | Dinesh |

***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 | 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 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).

