Project Planning Phase

**Project Planning Template (Product Backlog, Sprint Planning, Stories, Storypoints)**

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| --- | --- |
| **Date** | 18 October 2022 |
| **Team ID** | PNT2022TMID07372 |
| **Project Name** | Project – Smart Waste Management 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 | Admin | USN-1 | Admin need to give the user id and workers in municipality | 1 | Medium | Pentakota Chanakya,  Sasthadevi N  Tejeswar Reddy,  Ashokkumar |
| Sprint-1 | Co admin | USN-2 | As a co admin they need to monitor the bin and instruct the driver | 1 | High | Pentakota Chanakya,  Sasthadevi N  Tejeswar Reddy,  Ashok kumar |
| Sprint-2 | Truck driver | USN-3 | Truck driver need to follow the co admin and go to the place where the bin is filled | 2 | High | Pentakota Chanakya,  Sasthadevi N  Tejeswar Reddy,  Ashok kumar |
| Sprint-3 | Garbage Colector | USN-4 | Collector need to coect the garbage in the bin on time | 2 | High | Pentakota Chanakya,  Sasthadevi N  Tejeswar Reddy,  Ashok kumar |

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| **Sprint** | **Functional**  **Requirement (Epic)** | **User**  **Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| Sprint-4 | Municipality Corporation | USN-5 | Municipality peoples need to assure that the process is done correctly | 2 | Medium | Pentakota Chanakya,  Sasthadevi N  Tejeswar Reddy,  Ashok kumar |

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 | 1 Nov 2022 |
| Sprint-2 | 20 | 6 Days | 31 Oct 2022 | 05 Nov 2022 | 20 | 10 Nov 2022 |
| Sprint-3 | 20 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | 20 | 15 Nov 2022 |
| Sprint-4 | 20 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | 20 | 19 Nov |

Burndown Chart:

