**Project Planning Phase**

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

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| --- | --- |
| Date | 18 October 2022 |
| Team ID | PNT2022TMID10847 |
| Project Name | Project – Machine learning based vehicle performance analyser |
| 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 | Required Data | USN-1 | Model Building | 2 | High | Bogar  Chandru |
| Sprint-2 |  | USN-2 | Application Building | 1 | High | Koushik,  Dinesh Kumar |
| Sprint-3 |  | USN-3 | Train the model on IBM | 2 | Low | Bogar,  Dinesh Kumar |
| Sprint-4 |  | USN-4 | Integrate flask with scoring end-point | 2 | Medium | Koushik,  Chandru |
| Sprint-2 |  |  | In Application Development:  Enter the number of cylinders | 1 | High | Koushik,  Dinesh Kumar |
| Sprint-2 |  |  | Enter the displacement  Enter the Horse Power |  | Medium | Koushik,  Dinesh Kumar |
| Sprint-2 |  |  | Enter the Weight  Enter acceleration |  | High | Koushik,  Dinesh Kumar |
| Sprint-2 |  |  | Enter model year and origin  Check the performance |  | Medium | Koushik,  Dinesh Kumar |

**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 |
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