**Project Planning Phase**

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

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| --- | --- |
| Date | 18 October 2022 |
| Team ID | PNT2022TMID12710 |
| Project Name | Project – Trip Based Modelling of Fuel Consumption in Modern Fleet Vehicles Using Machine Learning |
| Maximum Marks | 8 Marks |

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

| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint-1 | Registration | USN-1 | As a user, I can register for the application by entering my email, and password, and confirming my password. | 5 | High | Deepti Ravi Kumar |
| Sprint-1 |  | USN-2 | As a user, I will receive a confirmation email once I have registered for the application | 3 | High | K Naresh |
| Sprint-1 | Login | USN-3 | As a user, I can log into the application by entering my email & password | 5 | High | Kousik Nibith Ram V P |
| Sprint-2 | User Interface | USN-4 | As a user, I can access the dashboard and provide input values for prediction | 5 | High | Rajesh G |
| Sprint-3 |  | USN-5 | As a user, I can perform multiple predictions at the same time | 3 | Medium | Deepti Ravi Kumar |
| Sprint-2,3 |  | USN-6 | As a user, I can view the report for a particular trip easily | 5 | High | Deepti Ravi Kumar, K Naresh, Kousik Nibith Ram V P, Rajesh G |
| Sprint-3,4 |  | USN-7 | As a user, I should be able to view all past trip details | 5 | Medium | K Naresh |
| Sprint-4 |  | USN-8 | As a user, I should be able to have different graphics for visual representation | 5 | Medium | Kousik Nibith Ram V P |
| Sprint-4 |  | USN-9 | As a user, I should be able to compare different trip details and results | 3 | Medium | Rajesh G |

**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 | 13 | 6 Days | 24 Oct 2022 | 29 Oct 2022 | 13 |  |
| Sprint-2 | 10 | 6 Days | 31 Oct 2022 | 05 Nov 2022 | 10 |  |
| Sprint-3 | 13 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | 13 |  |
| Sprint-4 | 8 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | 8 |  |

**Burndown Chart:**