**Project Planning Phase**

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

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| --- | --- |
| Date | 18 October 2022 |
| Team ID | PNT2022TMID53078 |
| Project Name | Project – Car Resale Value Prediction |
| 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, password, and confirming my password. | 2 | High | Mukund  Shreesh  Shravan  Saisrinath |
| Sprint-1 | Login | USN-2 | As a user, I can log into the application by entering email & password | 2 | High | Mukund  Shreesh  Shravan  Saisrinath |
| Sprint-2 | Model Development |  | Gather dataset and perform pre-processing and cleaning | 2 | High | Mukund  Shreesh  Shravan  Saisrinath |
| Sprint-2 |  |  | Training and testing of model using data at hand | 3 | High | Mukund  Shreesh  Shravan  Saisrinath |
| Sprint-2 |  |  | Integrating model in application | 2 | High | Mukund  Shreesh  Shravan  Saisrinath |
| Sprint-3 | Input for prediction | USN-3 | As a user, I should be able to give inputs to the application that will be sent to the model for prediction | 2 | High | Mukund  Shreesh  Shravan  Saisrinath |
| Sprint-3 | Prediction | USN-4 | As a user, I will be able to view the predicted valuation for given vehicle | 2 | High | Mukund  Shreesh  Shravan  Saisrinath |
| Sprint-4 | Previous predictions | USN-5 | As a user, I will be able to view previous predictions made by the model | 2 | Medium | Mukund  Shreesh  Shravan  Saisrinath |
| Sprint-4 | Update model | USN-6 | As an admin, I will be able to update the model according to the fluctuating environment | 1 | Medium | Mukund  Shreesh  Shravan  Saisrinath |

**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 | 4 | 29 Oct 2022 |
| Sprint-2 | 20 | 6 Days | 31 Oct 2022 | 05 Nov 2022 | 7 | 05 Nov 2022 |
| Sprint-3 | 20 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | 4 | 12 Nov 2022 |
| Sprint-4 | 20 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | 3 | 19 Nov 2022 |