**Project Planning Phase**

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

|  |  |
| --- | --- |
| Date | 18 October 2022 |
| Team ID | PNT2022TMID48007 |
| Project Name | 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 | Home Page | USN-1 | As a user, I can view the home page of the web application. | 20 | Low | K.v.Raj kumar |
| Sprint-2 | Car resale value display | USN-2 | As a user, I can be redirected to the data entry page | 20 | Medium | S.Jaisubash |
| Sprint-3 | Data Entry | USN-3 | As a user, I can enter my car details in the re4quired fields. | 20 | Medium | K.Vigneshwaran |
| Sprint-4 | Resale Value Prediction | USN-4 | As a user, I expect the application to predict the resale value of my car. | 20 | Medium | Ajith |

**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:**

Sprint 1: 1 user stories x 20 story points = 20

Sprint 2: 1 user stories x 20 story points = 20

Sprint 3: 1 user stories x 20 story points = 20 Sprint

4: 1 user stories x 20 story points = 20

Total = 80

Average sprint velocity is 80 ÷ 4 = 20.

**Burndown Chart:**

A burn down chart is a graphical representation of ”**WORK LEFT to do versus TIME”.** It is the amount of work that has been completed in an epic or sprint and the total work remaining . burndown charts are used to predict your teams likelihood of completing their work in the time available.