**Project Planning Phase**

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

| Date | October 2022 |
| --- | --- |
| Team ID | PNT2022TMID49608 |
| Project Name | Project - Crude Oil Price Prediction |
| Maximum Marks | 8 Mark |

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**User Stories**

| **USER TYPE** | **FUNCTIONAL REQUIREMENT (EPIC)** | **USER STORY NUMBER** | **USER STORY / TASK** | **STORY POINTS** | **PRIORITY** | **TEAM MEMBERS** |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint-1 | Front page | USN-1 | As an user, I can view the front page of the website where the description about the application is available. | 2 | High | Anjana N and Madhumitha M |
| Sprint-2 | Entering the past data | USN-2 | As an user, I can enter the past ten days data. | 2 | Low | Anu Pratha K and Mercy Gnana Priya R |
| Sprint-3 | Data Augmentation | USN-3 | As a developer,the ANN dataset must be augmented. | 1 | High | Anjana N and Madhumitha M |
| Sprint-3 | Classification of ANN model | USN-4 | As a developer, the model must be classified. | 3 | High | Anu Pratha K and Mercy Gnana Priya R |
| Sprint-3 | Compiling the model | USN-5 | As a developer, the model must be compiled. | 3 | High | Anu Pratha K and Mercy Gnana Priya R |
| Sprint-4 | Predicting the price of crude oil | USN-3 | As an user, I can get the predicted value of crude oil price. | 2 | High | Anjana N,Madhumitha M,Anu Pratha K and Mercy Gnana Priya R |

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