Project Planning Phase

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

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| --- | --- |
| Date | 18 October 2022 |
| Team ID | PNT2022TMID38011 |
| Project Name | Crude Oil Price Prediction |
| Maximum Marks | 8 Marks |

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

Use the below template to create product backlog and sprint schedule

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| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| Sprint-2 | Registration | AMKH-11 | As a user, I can register for the application by entering my email, password, and confirming  my password. | 10 | High | MUTHU.M |
| Sprint-2 |  | AMKH-12 | As a user, I will receive confirmation email once I have registered for the application | 10 | High | KABIL.J |
| Sprint-2 | Login | AMKH-13 | As a user, I can log into the  application by entering email & password. | 15 | High | AUGUS.J |
| Sprint-1 | Input Necessary Details | AMKH-14 | As a user, I can give Input Details to Predict Likeliness of crude oil | 15 | High | HARI.B |
| Sprint-1 | Data Pre-processing | AMKH-15 | Transform raw data into suitable format for prediction. | 15 | High | MUTHU.M |
| Sprint-3 | Prediction of Crude Oil Price | AMKH-16 | As a user, I can predict Crude oil using machine learning model. | 20 | High | AUGUS.J |
| Sprint-3 |  | AMKH-17 | As a user, I can get accurate prediction of crude oil | 5 | Medium | KABIL.J |
| Sprint-4 | Review | AMKH-18 | As a user, I can give feedback of the application. | 20 | High | HARI.B |

Project Tracker, Velocity & Burndown Chart: (4 Marks)

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| --- | --- | --- | --- | --- | --- | --- |
| **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 |  |  |
| Sprint-3 | 20 | 6 Days | 07 Nov 2022 | 12 Nov 2022 |  |  |
| Sprint-4 | 20 | 6 Days | 14 Nov 2022 | 19 Nov 2022 |  |  |
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