**Project Planning Phase**

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

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| --- | --- |
| Date | 05 NOVEMBER 2022 |
| Team ID | PNT2022TMID46892 |
| Project Name | Project – Developing a Flight Deley Prediction Using Machine Learning |
| Maximum Marks | 8 Marks |

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

Use the below template to create product backlog and sprint schedule

| **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 | K.Swathi |
| Sprint-1 | User confirmation | USN-2 | As a user, I will receive confirmation email once I have registered for the application | 1 | Medium | S.Vinothini |
| Sprint-1 | Login | USN-3 | As a user, I can lig into the aapplicationby entering email and password | 1 | High | A.Abitha |
| Sprint-2 | Analyse | USN-4 | As a user, I can analyse the dataset | 2 | Medium | S.Sumithra |
| Sprint-3 | Develop and Train | USN-5 | As a user, I can develop and train the model predict the flight delay | 2 | High | K.Swathi |
| Sprint-4 | Application |  | Shows the flight details | 2 | High | S.Vinothini |

**Project Tracker (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** |
| --- | --- | --- | --- | --- | --- | --- |
| 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 | 07 Nov 2022 |
| Sprint-4 | 20 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | 20 | 19 Nov 2022 |