

## Project Planning Phase

(Product Backlog, Sprint Planning, Stories, Story points)

<b>Date</b>	27 October 2022
<b>Team ID</b>	PNT2022TMID49460
<b>Project Name</b>	Developing a Flight Delay Model Using Machine Learning
<b>Maximum Marks</b>	8 Marks

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

Use the below template to create product backlog and sprint schedule

<b>Sprint</b>	<b>Functional Requirement (Epic)</b>	<b>User Story Number</b>	<b>User Story / Task</b>	<b>Story Points</b>	<b>Priority</b>	<b>Team Members</b>
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	Jeyaprasanna S
Sprint-1	User Confirmation	USN-2	As a user, I will receive confirmation email once I have registered for the Web application.	1	Medium	Karuppaiya I Naveen Kumar S
Sprint-1	Login	USN-3	As a user, I can login to the application by entering my email & password.	1	High	Varun Kumar V

Sprint-2	Analyse the dataset	USN-4	I can analyse the data set.	2	High	Jeyaprasanna S Karuppaiya I
Sprint-3	Developing and Training the model	USN-5	I can develop and train theprediction model.	2	High	Naveen Kumar S Varun Kumar V
Sprint-4	Web Application	USN-6	View the current information of the flight.	2	High	Jeyaprasanna S Karuppaiya I Naveen Kumar S Varun Kumar V

**Project Tracker, Velocity & Burn down Chart: (4 Marks)**

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>	<b>Story Points Completed (as on Planned End Date)</b>	<b>Sprint ReleaseDate (Actual)</b>
Sprint-1	20	4 Days	24 Oct 2022	27 Oct 2022	20	29 Oct 2022
Sprint-2	20	5 Days	28 Oct 2022	01 Nov 2022	20	04 Nov 2022
Sprint-3	20	8 Days	02 Nov 2022	09 Nov 2022	20	11 Nov 2022
Sprint-4	20	9 Days	10 Nov 2022	18 Nov 2022	20	19 Nov 2022