

## Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID10916
Project Name	Project – Flight Delay Prediction Using Machine Learning
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-3	Registration	USN-3	As a passenger, I can register for the flight ticket by entering my email, password, and confirming my password.	2	High	R. Sabana
Sprint-3	Confirmation	USN-3	As a Passenger, I will receive confirmation email once I have registered for the flight ticket.	1	High	J. Roshmi
Sprint-4	Verification	USN-4	As a user, I can register for the application through required website or OTP message.	2	Low	P. Lakshmi
Sprint-1	Login	USN-1	As a User, I can log into the application by entering email & password.	2	Medium	R. Udhaya Swetha
Sprint-1	Dataset	USN-1	Provide a dataset to predict the flight delay.	1	High	J. Roshmi
Sprint-1	Data Cleaning	USN-1	Remove the null values and outliers from the data.	1	Medium	P.Lakshmi
Sprint-2	Predicting	USN-2	By using Machine learning models,Predictions are made by using the dataset provided.	2	High	R. Udhaya Swetha
Sprint-4	Result	USN-4	Whether the flight is delay or not is determined.	2	Medium	R.Sabana

**Project Tracker, Velocity & Burndown 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 Release Date (Actual)</b>
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		