

## Project Planning Phase

### Project Planning Template (Product Backlog, Sprint Planning, Stories, Storypoints)

Date	08 Nov 2022
Team ID	PNT2022TMID29701
Project Name	Project – Flight Delay Prediction Using ML
Maximum Marks	8 Marks

#### Product Backlog, Sprint Schedule, and Estimation

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 to the web page by entering my email, password, and confirming my password.	1	High	Rajeswari.C
Sprint-1		USN-2	As a user, I can register in web page through Google	1	High	Srimathi.D
Sprint-1		USN-3	As a user, I can register in web page by using existing details	1	Low	Sarika Saravanan
Sprint-1		USN-4	As a user, I will receive confirmation email once I have registered in main page	1	Medium	Srimathi.D,Sarika Saravanan,Rajeswari.C
Sprint-1		USN-5	As a user, I can log into the web page by entering email & password	1	High	Mukilan.P
Sprint-2	Login	USN-1	While logging in I may face server error	2	High	Rajeswari.C,Mukilan.P, Srimathi.D,Sarika Saravanan
Sprint-2		USN-2	While logging in I may get bugs	3	High	Rajeswari.C,Mukilan.P, Srimathi.D,Sarika Saravanan
Sprint-3	Help Desk	USN-3	While logging in I may get site reload	5	High	Mukilan.P,Sarika Saravanan
Sprint-4	Updates	USN	I need to get notified whenever the page was modified to updates with extra applications	5	High	Rajeswari.C,Mukilan.P, Srimathi.D

### Project Tracker, Velocity & Burndown Chart:

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	5	6 Days	24 Oct 2022	29 Oct 2022	5	29 Oct 2022
Sprint-2	5	6 Days	31 Oct 2022	05 Nov 2022	5	05 Nov 2022
Sprint-3	5	6 Days	07 Nov 2022	12 Nov 2022	5	12 Nov 2022
Sprint-4	5	6 Days	14 Nov 2022	19 Nov 2022	5	19 Nov 2022

### Velocity:

We have taken a 6-day of total sprint duration, and the velocity of the team is 5 (points per sprint). Then the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \text{SPRINT DURATION} / \text{VELOCITY} = 5/6 = 0.83$$

Burndown Chart:

