

## Project Planning Phase

Date	3 Nov 2022
Team ID	PNT2022TMID49886
Project Name	Developing a Flight Delay Prediction using Machine Learning

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

Sprint	Functional Requirement(Epic)	User Story Number	User Story/Task	Story point	Priority	Team Members
Sprint-1	Registration	USN-2	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	PRIYADHARSHINI S
Sprint-1		USN-2	As a user, I will receive confirmation email once I have register for the application	1	High	SUJITHA S
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	MURUGESWARI P
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	DIVYA S
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	PRIYADHARSHINI S

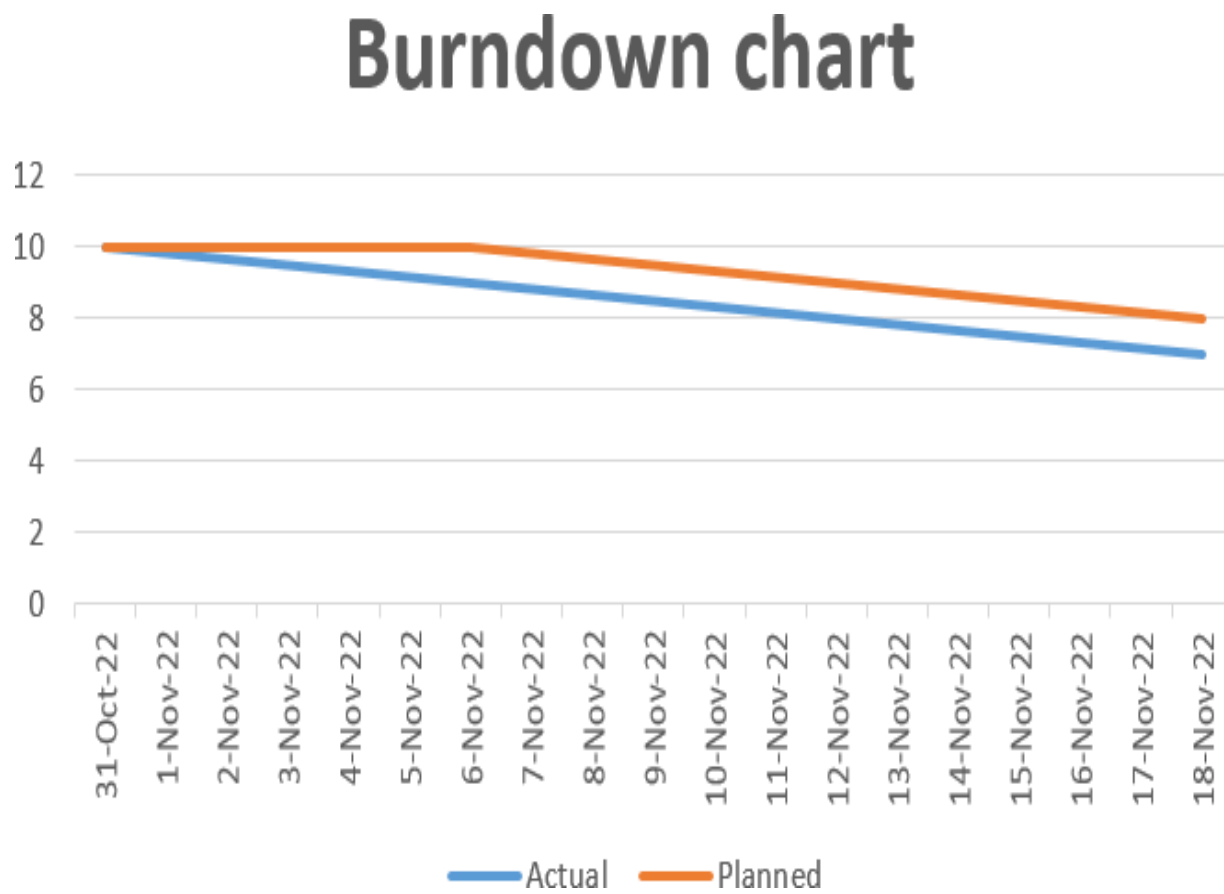
### Project Tracker, Velocity & Burndown Chart:

Sprint	Total Story point	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Point Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	26 Oct 2022	31 Oct 2022	20	31 Oct 2022
Sprint-2	20	6 Days	1 Nov 2022	6 Nov 2022	20	6 Nov 2022
Sprint-3	20	6 Days	7 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	13 Nov 2022	18 Nov 2022	20	18 Nov 2022

### Velocity:

$$\begin{aligned} AV &= \text{Sprint duration/velocity} \\ &= 20/6 = 3.33 \end{aligned}$$

## Burndown chart:



## Reference:

<https://www.atlassian.com/agile/project-management>

<https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software>

<https://www.atlassian.com/agile/tutorials/epics>

<https://www.atlassian.com/agile/tutorials/sprints>

<https://www.atlassian.com/agile/project-management/estimation>

<https://www.atlassian.com/agile/tutorials/burndown-chart>