Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID10226
Project Name	Project –Flight Delay Predication Model Using By 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	Akash
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Shiva
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	Sunilkumar
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	Akash
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Shiva
Sprint-3	Dashboard	USN_6	To view dashboard on our project and check Customer information.	2	High	Sunilkumar
Sprint-4	Review	USN-7	As a customer review our site.	1	High	Akash

Project Tracker, Velocity & Burndown Chart: (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 (Actual)
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 Oct 2022
Sprint-3	25	6 Days	07 Nov 2022	12 Nov 2022	19	07 Oct 2022
Sprint-4	25	6 Days	14 Nov 2022	19 Nov 2022	20	14 Nov 2022

Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

Sprint 1& Sprint 2:

AV= 20/6 =3.3

Sprint 3& Sprint 4:

AV=25/6=4.1