Project Planning Phase - Sprint Delivery Plan

Date	19 November 2022
Team ID	PNT2022TMID02088
Project Name	Developing a Flight Delay Prediction Model using Machine Learning
Maximum Marks	8 Marks

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

Sprint	Functional Requirement (Epic)	User Story No	User Story / Task	Story Points	Priority	Team Members
Sprint-1	User Registration	USN-1	As a user, I can register for the application by entering email, password, and confirming password.	2	High	1. Akhilesh Ravikumar
Sprint-2	User Confirmation	USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	1. Anjana D 2. Gokulakrishnan G
Sprint-2	User login	USN-3	As a user, I Can login with the credentials I have used during registration.	2	Medium	1. Anjana D
Sprint-3	Forgot password	USN-4	As a user, I can reset the password via registered email or mobile number.	2	Medium	1. Anirudh Sathya 2. Akhilesh Ravikumar
Sprint-3	Book Flights	USN-5	As a user, I can log into the application by entering email & password and book flights.	1	High	1. Anirudh Sathya
Sprint -4	Request Cancellation	USN -6	As a user I can request to cancel the flight by using the login credentials which is used during registration.	2	Medium	1. Gokulakrishnan G

Project Tracker, Velocity: (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	2	6 Days	10 Nov 2022	16 Nov 2022	2	19 Nov 2022
Sprint-2	3	6 Days	10 Nov 2022	16 Nov 2022	3	19 Nov 2022
Sprint-3	3	6 Days	09 Nov 2022	15 Nov 2022	3	19 Nov 2022
Sprint-4	2	6 Days	14 Nov 2022	20 Nov 2022	2	19 Nov 2022

Velocity:

we had a 06-days of 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)

$$AV = SPRINT\ DURATION/VELOCITY(TSP)$$
$$= 24/10$$
$$= 2.4$$