

Project Planning Phase

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

Date	21 October 2022
Team ID	PNT2022TMID24546
Project Name	Developing a 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 -1	REGISTRATION	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	high	3
Sprint -1		USN-2	As a user, I will receive a confirmation email once I have registered for the application	1	high	1
Sprint -2		USN-3	As a user, I can register for the application through Facebook	2	low	1
Sprint -1		USN-4	As a user, I can register for the application through google account	2	high	1

Sprint -1	LOGIN	USN-5	As a user, I can log into the application by entering email & password	1	high	1
Sprint-1	DASHBOARD	USN-6	As a customer I can check with all the Flight details available on the website and choose the correct prediction	3	high	3
Sprint-4	Customer support	USN-7	As a user I want to contact with the customer support when there is any query with the the application	2	low	2
Sprint-1	User details display	USN-8	As a customer I should be able to see all my given details filled with the registration process	2	high	2
Sprint-2	algorithm	USN-9	As a customer, I should be able to get the accurate prediction of the flight details available on the website	5	high	4
Sprint-2		USN-10	As a customer I should be updated with various best available.	2	medium	2
Sprint-3	IBM watson for storage and organization	USN-11	As a customer I should be able to give all the necessary details and predict the flight arrival and provide best user experience.	3	high	2
Sprint-4	Flight management	USN-12	As a customer I can manage the details of the flight arrival timings and schedule changes.	5	high	4

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		
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		