

Project Planning Phase

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

Date	25 October 2022
Team ID	PNT2022TMID27880
Project Name	Airlines Data Analytics for Aviation Industry
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	S.Akshaya S.Jeban
Sprint-1	Registration	USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	M.Aswinsiva Ganesh S.Dinesh Sundar
Sprint-2	Login	USN-3	As a user, I can login to the application with the email id and password	2	Low	S.Jeban S.Dinesh Sundar
Sprint-1	Data Mining	USN-4	As a user, I will start collecting data from various sources with the help of data mining techniques.	2	Medium	S.Akshaya S.Dinesh Sundar
Sprint-1	Data Uploading	USN-5	As a user, I can upload the collected dataset to the IBM Cloud Account	1	High	S.Jeban M.Aswinsiva Ganesh
Sprint-1	Data Pre-processing	USN-6	After data is uploaded into Cognos, Data pre-processing is done.	2	High	S.Dinesh Sundar

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Data Exploartion	USN-7	Exploratory Data Analysis is done in the dataset.	2	High	S.Jeban M.Aswinsiva Ganesh
Sprint-2	Data Analysis	USN-8	I can study the data under various categories to derive insights.	2	High	S.Akshaya M.Aswinsiva Ganesh
Sprint-2	Data Visualization	USN-9	Using dashboards in Cognos BI tool for data visualizations with the help of various charts.	2	High	S.Jeban
Sprint-3	Report Generation	USN-10	I will create reports in Cognos based on the requirement of visualizations.	2	High	S.Akshaya
Sprint-3	Data Visualization	USN-11	I can create story in Cognos.	2	Medium	S,Dinesh Sundar
Sprint-4	Model Creation	USN-12	I can generate various ML models for predicting the future requirements based on quantitative analysis.	2	High	S,Dinesh Sundar S.Akshaya
Sprint-4	Publishing	USN-13	I can establish my project in GitHub website	2	High	M.Aswinsiva Ganesh