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

Date	18 October 2022
Team ID	PNT2022TMID01276
Project Name	Project - Data Analytics for DHL Logistics Facilities
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	Retrieve Data	USN-1	As a user , I should get clearer DHL logistics data report	10	High	Dhivakar K
Sprint-1	Visualize the data	USN-2	As a user , I need nicely to visualized dashboard of number of vehicles travelling to the same location in a week.	20	High	Dhivakar K
Sprint-2	Track of logistics	USN-3	Tracking a vehicle care over years of visit and Screening of data they have in logistics	10	Medium	Charan M
Sprint-3	Dashboard	USN-4	As a user, I want the interactive dashboard to analyze the data. Have the data in terms of graph.	20	Medium	Lingesan R
Sprint-3	Detailed Logistics report of vehciles	USN-5	Provided greater details in the vehicles distance report of individual vehicles with clear idea of what to do.	10	High	Lingesan R
Sprint-3	Story Creation	USN-6	As a user , I need the story animation of data set with insights.	20	Medium	Lingesan R

Sprint-4	Predict Efficiency of Transportation	USN-7	As a user , I want the flawless system to predict the distance travelled by each vehicle	20	High	Gokul P
Sprint-4	Using ML algorithm for prediction	USN-8	As a user , I need prior knowledge of transportation efficiency to aid in logistics such faster delivery and safer transportation with minimum span of time.	20	High	Gokul P

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	7 Days	22 Oct 2022	28 Oct 2022	20	
Sprint-2	20	8 Days	29 Oct 2022	05 Nov 2022	20	
Sprint-3	20	3 Days	06 Nov 2022	08 Nov 2022	20	
Sprint-4	20	4 Days	09 Nov 2022	12 Nov 2022	20	

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 = Sprint duration / Velocity = 20/10 =2

Burndown Chart: