PROJECT PLANNING PHASE

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

Date	3 November 2022
Team ID	PNT2022TMID49243
Project Name	Traffic and Capacity Analytics Of Major Ports
Maximum Marks	8 Marks

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

Use the below template to create product backlog and sprint schedule

Sprint Number	Functional Requirement (Epic)	User Story	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Working with the data set	USN-1	Understanding the data set	10	Medium	Santhiya,Sriyokeshwari, Suruthi,Bavani.
Sprint-1	Working with the data set	USN-2	Loading the data set.	10	High	Santhiya,Sriyokeshwari, Suruthi,Bavani.
Sprint-2	Prepare the data	USN-3	Convert the data into required format	10	Medium	Santhiya,Sriyokeshwari, Suruthi,Bavani.
Sprint-2	Data exploration	USN-4	Explore the data's which is uploaded in the IBM Cognos	10	Medium	Santhiya,Sriyokeshwari, Suruthi,Bavani.
Sprint-3	Data visualization	USN-5	Creating the data visualization chart	10	High	Santhiya,Sriyokeshwari, Suruthi,Bavani.
Sprint-3	Dashboard	USN-6	Creating a dashboard	10	High	Santhiya,Sriyokeshwari, Suruthi,Bavani.

Sprint-4	Report	USN-7	Creating the report	10	High	Santhiya,Sriyokeshwari, Suruthi,Bavani.
Sprint-4	Export	USN-8	Export the report to the GitHub	10	High	Santhiya,Sriyokeshwari, Suruthi,Bavani.

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	4 Days	01 Nov 2022	04 Nov 2022	20	04 Nov 2022
Sprint-2	20	5 Days	05 Nov 2022	10 Nov 2022	20	05 Nov 2022
Sprint-3	20	4 Days	11 Nov 2022	14 Nov 2022	20	14 Nov 2022
Sprint-4	20	4 Days	15 Nov 2022	19 Nov 2022	20	19 Nov 2022

Velocity: Imagine we have a 4-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)

$$AV = \text{Sprint duration/Velocity} = 80/4 = 20$$