Project Sprint Delivery Planning

Date	18 October 2022
Team ID	PNT2022TMID49721
Project Name	Retail Store Stock Inventory Analytics
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirement(Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Data Collection	USN-1	Fetching the ds from Kaggle usingAPI	10	High	ASWIN A S
Sprint-1	Database	USN-2	Creating the database in IBM db2	10	High	ASWIN A S
Sprint-2	Data Preparation	USN-3	Uploading the dataset into the databasecloud in IBM.	05	Medium	JAGANEESHWAR S
Sprint-2	Data Extraction	USN-4	Connecting the database and fetching thedata from IBM db2 database	10	Medium	JAGANEESHWAR S
Sprint-2	Data Preparation	USN-5	Prepare the dataset and doing the relationship	05	High	JAGANEESHWAR S
Sprint-3	Dashboard	USN-6	Creating the dashboard.	10	High	LOGITH N
Sprint-3	Report	USN-7	Creating the report.	05	High	LOGITH N
Sprint-3	Story	USN-8	Creating the story.	05	High	LOGITH N
Sprint-4	Web Application	USN-9	Creating the website using bootstrap.	05	High	ASWIN B
Sprint-4	Web Application	USN-10	Embedding the dashboard	05	High	ASWIN B

			into the web application.			
Sprint-4	Web Application	USN-11	Embedding the report into the web application.	05	High	ASWIN B
Sprint-4	Web Application	USN-12	Embedding the story into the web application.	05	High	ASWIN B

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	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

Velocity:

We have a 24-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)

$$AV = \text{Sprint Duration} / \text{Velocity} = 24 / 20 = 1.2$$

Burndown Chart:

A burndown chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such asScrum. However, burn down charts can be applied to any project containing measurable progress over time.