Project Planning Phase
Sprint Delivery Plan

Date	18 October 2022
Team ID	PNT2022TMID08878
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 using API	10	High	Sivashankar T
Sprint-1	Database	USN-2	Creating the database in IBM db2	10	High	Sivashankar T
Sprint-2	Data Preparation	USN-3	Uploading the dataset into the database cloud in IBM.	05	Medium	Senthil kumar S
Sprint-2	Data Extraction	USN-4	Connecting the database and fetching the data from IBM db2 database	10	Medium	Senthil kumar S
Sprint-2	Data Preparation	USN-5	Prepare the dataset and doing the relationship	05	High	Senthil kumar S
Sprint-2	Dashboard	USN-6	Creating the dashboard.	10	High	Guna deshwar A
Sprint-3	Report	USN-7	Creating the report.	05	High	Guna deshwar A
Sprint-3	Story	USN-8	Creating the story.	05	High	Guna deshwar A
Sprint-3	Web Application	USN-9	Creating the website using bootstrap.	05	High	Sambath Kumar M
Sprint-4	Web Application	USN-10	Embedding the dashboard into the web application.	05	High	Sambath Kumar M
Sprint-4	Web Application	USN-11	Embedding the report into the web application.	05	High	Sambath Kumar M
Sprint-4	Web Application	USN-12	Embedding the story into the web application.	05	High	Sambath Kumar M

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 = Sprint Duration / 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 as Scrum. However, burn down charts can be applied toany project containing measurable progress over time.