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

Date	18 October 2022
Team ID	PNT2022TMID40543
Project Name	Retail Store Stock Inventory Analytics
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	4
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	3	High	4
Sprint-1	Login	USN-3	As a user, I can log into the application by entering email & password	5	High	4
Sprint-2	Dashboard	USN-4	I can access the dashboard of mine.	5	High	4
Sprint-3	Story	USN-5	I can create a intractive story oh exact anlysing of data set.	5	High	4
Sprint-3	Accesing	USN-6	I must be aware of the advantages of the loyalty programme as a client in order to take use of it.	5	Medium	3
Sprint-3		USN-7	As a customer I need to authenticate myself so that I can see my account details and past orders	5	High	4

Sprint-3		USN-8	can use my credentials For accessing my resources.	2	High	4
Sprint-4		USN-9	As an admin, he/she can add or delete users.	3	High	4
Sprint-4		USN-10	As an admin, he/she can manage the user details.	5	High	4

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	10	5 Days	24 Oct 2022	28 Oct 2022	10	28 Oct 2022
Sprint-2	10	5 Days	31 Oct 2022	04 Nov 2022	10	04 Nov 2022
Sprint-3	10	5 Days	07 Nov 2022	11 Nov 2022	10	11 Nov 2022
Sprint-4	10	5 Days	14 Nov 2022	18 Nov 2022	10	18 Nov 2022

Velocity:

Imagine we have a 05-day sprint duration, and the velocity of the team is 10 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

AV=Sprint Duration/Velocity=10/5=2

Burndown Chart:

A burn down 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 to any project containing measurable progress over time.

Burndown Chart