Project Planning Phase
Project Planning Template (Product Backlog, Sprint Planning, Stories, Storypoints)

Date	27 October 2022
Team ID	PNT2022TMID40315
Project Name	Retail Store Stock Inventory Management
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	Medium	Magendiran Ranjithkumar
Sprint-1	Login	USN-2	As a user, I can log into the application by entering email & password	2	Medium	Ranjithkumar Tamilselvan
Sprint-1	Login confirmation	USN-3	As a user, after logging in I can view my respective welcome page	1	Low	Bharanidharan Tamilselvan
Sprint-2	Data Upload	USN-4	As a user, I can upload my data so that I can have a visual representation on it	1	Low	Magendiran Tamilselvan
Sprint-2	Dashboard	USN-5	As a user, I can view the visual representation of my data in the dashboard.	3	High	Magendiran Bharanidharan
Sprint-3	Report Creation	USN-6	As a user, I can view the visual representation of my data in form of report.	3	High	Ranjithkumar Bharanidharan
Sprint-4	Story Creation	USN-7	As a user, I can view the visual representation of my data in story.	3	High	Magediran, Ranjithkumar

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	30 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	06 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	13 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

Velocity:

Let's calculate the team's average velocity (AV) per iteration unit (story points per day) .It can be given as follows:

$$AV = sprint\ duration/velocity = 80/4 = 20$$

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.