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

Date	08 Nov 2022
Team ID	PNT2022TMID50787
Project Name	News tracker applications
Maximum Marks	8 Marks

Type your text

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.	10	High	Andrew.G.Selwyn
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	10	High	Andrew.G.Selwyn
Sprint-1	Login	USN-3	As a user, I can log into the application by entering email & password.	15	High	Andrew.G.Selwyn
Sprint-2	Input Necessary Details	USN-4	As a user, I can search the news in the application	15	High	Thirugnana sambantham.K
Sprint-2	Data Pre-processing	USN-5	The application searches for news related to the entered details.	15	High	Thirugnana sambantham.K
Sprint-3	Searching of news	USN-6	As a user, I can search for the accurate news what I want	20	High	Kingsly kirubakaran.L
Sprint-3		USN-7	As a user, I can get accurate news in the application	5	Medium	Kingsly kirubakaran.L

Sprint		USN-8	As a user, I can give feedback of the application.	20	High	
Sprint-4	Review	USN-8	As a user, I can give feedback of the application.	20	High	Bevin nanthakumar.V

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	5 Days	01 Nov 2022	05 Nov 2022	20	05 Nov 2022
Sprint-2	20	5 Days	06 Nov 2022	10 Nov 2022	20	10 Nov 2022
Sprint-3	20	5 Days	11 Nov 2022	15 Nov 2022	20	15 Nov 2022
Sprint-4	20	4 Days	16 Nov 2022	19 Nov 2022	20	19 Nov 2022

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

Velocity:
Imagine we have a 10-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)