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

Date	12 November 2022
Team ID	PNT2022TMID37100
Project Name	News tracker applications
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
Sprint-1	Registration	USN-1	user can register for the application by entering my email, password, and confirming my password.	10	High
Sprint-1		USN-2	User will receive confirmation email once I have registered for the application	10	High
Sprint-1	Login	USN-3	User can log into the application by entering email & password.	15	High
Sprint-2	Input Necessary Details	USN-4	This shows the news topic according to users' prescription	15	High
Sprint-2	Data Pre-processing	USN-5	User can read news briefly	15	High
Sprint-3	Searching of news	USN-6	User can search for the accurate news what they want	20	High
Sprint-3		USN-7	User can get accurate news in the application	5	Medium

Sprint		USN-8	User can save news by finding their interest User can download news to view in offline	20	High
Sprint-4	Saved news and downloaded news	USN-8	User can save news by finding their interest User can download news to view in offline	20	High

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	27 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	12 Nov 2022	19 Nov 2022	20	19 Nov 2022

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)

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