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

Team members	Ashwini A,Boopathi S
Team ID	PNT2022TMID06411
Project Name	Project - News Tracker Application
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

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.	15	High	Vishal S , Srenivasan K S, Swarans S, Vignesh K
Sprint-1	Confirmation	USN-2	As a user, I will receive confirmation email once I have registered for the application	5	Medium	Vishal S , Srenivasan K S, Swarans S, Vignesh K
Sprint-2	Login	USN-5	As a user, I can log into the application by entering email & password	10	High	Vishal S , Srenivasan K S, Swarans S, Vignesh K
Sprint-2	Dashboard	USN-6	As a user, I can search NEWS and a quick snap is displayed in the dashboard.	10	High	Vishal S , Srenivasan K S, Swarans S, Vignesh K
Sprint-3	Sorting Functionality	USN-6	As a user, i can sort the news based on the genre of the news.	10	Medium	Vishal S , Srenivasan K S, Swarans S, Vignesh K

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Chatbot	USN-8	As a user, I can chat with the bot so that my queries are clarified	10	High	Vishal S , Srenivasan K S, Swarans S, Vignesh K
Sprint-4	Update News	USN-6	As a admin, I can add updated news to the dashboard.	20	High	Vishal S , Srenivasan K S, Swarans S, Vignesh K

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	
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	

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)

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

Average

Velocity=20/6

AV=3.333

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 to any project containing measurable progress over time.