

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

Date	09 November 2022
Team ID	PNT2022TMID36872
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	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	SURIYA.E TAMILARASU.G VIGNESH.E MOHAN KUMAR.B
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	10	High	. SURIYA.E TAMILARASU.G VIGNESH.E MOHAN KUMAR.B
Sprint-1	Login	USN-3	As a user, I can log into the application by entering email & password.	15	High	SURIYA.E TAMILARASU.G VIGNESH.E MOHAN KUMAR.B

Sprint-2	Input Necessary Details	USN-4	As a user, I can search the news in the application	15	High	SURIYA.E TAMILARASU.G VIGNESH.E MOHAN KUMAR.B
Sprint-2	Data Pre-processing	USN-5	The application searches for news related to the entered details.	15	High	SURIYA.E TAMILARASU.G VIGNESH.E MOHAN KUMAR.B
Sprint-3	Searching of news	USN-6	As a user, I can search for the accurate news what I want	20	High	SURIYA.E TAMILARASU.G VIGNESH.E MOHAN KUMAR.B
Sprint-3		USN-7	As a user, I can get accurate news in the application	5	Medium	SURIYA.E TAMILARASU.G VIGNESH.E MOHAN KUMAR.B
Sprint-4	Review	USN-8	As a user, I can give feedback of the application.	20	High	SURIYA.E TAMILARASU.G VIGNESH.E MOHAN KUMAR.B.

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	05 Nov 2022

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

**Project Tracker, Velocity & Burndown Chart: (4 Marks)**

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