

## Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID27314
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.	2	High	Vishwa T
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Yudhasini S
Sprint-1		USN-3	As a user, I can register for the application through Facebook	2	Low	Supriya M
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	Praveen Kumar R
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	2	High	Vishwa T
Sprint-2	Dashboard	USN-6	As a user I can select the news domains based on the wish.	1	High	Supriya M
Sprint-2		USN-7	As a user I can see the news in the dashboard.	2	High	Yudhasini S
Sprint-3	Search bar	USN-8	As a user I can search the news.	2	Medium	Praveen Kumar R
Sprint-3		USN-9	As a user I can get notified about the news.	2	High	Vishwa T
Sprint-4	Admin login	USN-10	As a admin I can manage news and user logins	1	Medium	Vishwa T
Sprint-4		USN-11	As a admin I can check authenticity of news	1	Medium	Yudhashini S
Sprint-4		USN-12	As a user I can switch to premium account.	3	Medium	Praveen Kumar R

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

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>	<b>Story Points Completed (as on Planned End Date)</b>	<b>Sprint Release Date (Actual)</b>
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	10	07 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	10	07 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	10	14 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)

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

**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.



