

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

Date	30 October 2022
Team ID	PNT2022TMID44561
Project Name	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	Login	USN-1	As a user, I can log into the application by entering email & password	2	High	SETHU K.M.S, PRASANTH K
Sprint-1	Registration	USN-2	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	MUGTHA V , ANITHA S
Sprint-2		USN-3	As a user, I will receive confirmation email once I have registered for the application	1	High	SETHU K.M.S, MUGTHA V
Sprint-2	Home Page	USN-4	As a user, I can view the headlines of the news that interest me	2	High	PRASANTH K, ANITHA S
Sprint-3		USN-5	As a user I can view the elaborate content of the headlines	2	Medium	SETHU K.M.S , PRASANTH K
Sprint-4		USN-6	As a user I can search a news I want	2	High	MUGITHA V, ANITHA S
Sprint-3	Chatbot	USN-7	As a user I can solve my doubts about the application with the help of the chatbot.if the doubt is not resolved the chatbot guides us on how to contact the customer care executive	2	Medium	SETHU K.M.S, MUGTHA V

<b>Sprint</b>	<b>Functional Requirement (Epic)</b>	<b>User Story Number</b>	<b>User Story / Task</b>	<b>Story Points</b>	<b>Priority</b>	<b>Team Members</b>
Sprint-4	About us	USN-8	As a user I can view about the application	1	Low	PRASANTH K

**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	4	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	3	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	4	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	3	19 Nov 2022

## Velocity

Imagine we have a 6-day sprint duration, and the velocity of the team is 18(points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \text{Sprint Duration} / \text{Velocity}$$

$$AV = 24/6 = 4$$

## 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.

