

Project Planning Phase

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

Date	O8 NOVEMBER 2022
Team ID	PNT2022TMID04251
Project Name	Project – News Tracker Application
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	Shanthini
		USN-2	As a user, I will receive confirmation email once I have registered for the application	10	High	Vijay
Sprint-2	Login	USN-3	As a user, I can log into the application by entering email & password	10	Medium	Karthik
Sprint-2	Home screen	USN-4	As a user, I get to navigate through the pages of the Application	5	Medium	Swathika
		USN-5	As a user, I give my interests to filter the news which I need updates on	5	High	Shanthini
Sprint-3	Optimization	USN-6	As a user, I get to search the news which I needed to know about in the search bar	10	Low	Karthik
		USN-7	The application shows the categories based on the search results of the user	5	Medium	Swathika
Sprint-4	User Acceptance Testing	USN-8	To test the performance of the application on the basis of empathy and usability analysis.	5	Low	Vijay

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	05 Nov 2022
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)

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

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.

