

Project Planning Phase

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

Date	28 October 2022
Team ID	PNT2022TMID36388
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	Swethasri R Mukesh V Jamuna R Gowtham R
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	5	High	Swethasri R Mukesh V Jamuna R Gowtham R
Sprint-1		USN-3	As a user, I can register for the application through Gmail	5	Medium	Jamuna R Gowtham R
Sprint-2	Dashboard	USN-4	User interface design and implementation of cards	5	High	Swethasri R Mukesh V Jamuna R Gowtham R
Sprint-2	Home page	USN -5	Interface for news card in brief with headline, related image and news contributor info	10	High	Swethasri R Mukesh V Jamuna R Gowtham R
Sprint-2		USN-6	Search related news	5	Medium	Jamuna R Gowtham R
Sprint-3	News card description	USN-7	Constitutes location, headline, time ago, news contributor info	10	Medium	Swethasri R Mukesh V Jamuna R Gowtham R

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3		USN-8	News card comments, share and Related cards	10	Low	Swethasri R Mukesh V Jamuna R Gowtham R
Sprint-4	News card description	USN-9	News Contributor Profile and follow option	10	High	Swethasri R Mukesh V Jamuna R
Sprint-4	Chat bot	USN-10	Watson chat bot implementation	10	Medium	Swethasri R Mukesh V Jamuna R

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:

We have a 24-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)

$$AV = \frac{\textit{sprint duration}}{\textit{velocity}} = \frac{20}{24} = 0.83$$

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.

