

Project Planning Phase

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

Date	26 October 2022
Team ID	PNT2022TMID04482
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	SRI RAAM R V
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	10	High	VISHAL RUPAK V R
Sprint-1	Login	USN-3	As a user, I can log into the application by entering email & password.	15	High	VIGNESH L
Sprint-2	Input Necessary Details	USN-4	As a user, I can search the news in the application	15	High	VIGNESH S
Sprint-2	Data Pre-processing	USN-5	The application searches for news related to the entered details.	15	High	VIGNESH L
Sprint-3	Searching of news	USN-6	As a user, I can search for the accurate news what I want	20	High	SRI RAAM R V
Sprint-3		USN-7	As a user, I can get accurate news in the application	5	Medium	VISHAL RUPAK V R
Sprint-4	Review	USN-8	As a user, I can give feedback of the application.	20	High	VIGNESH S

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

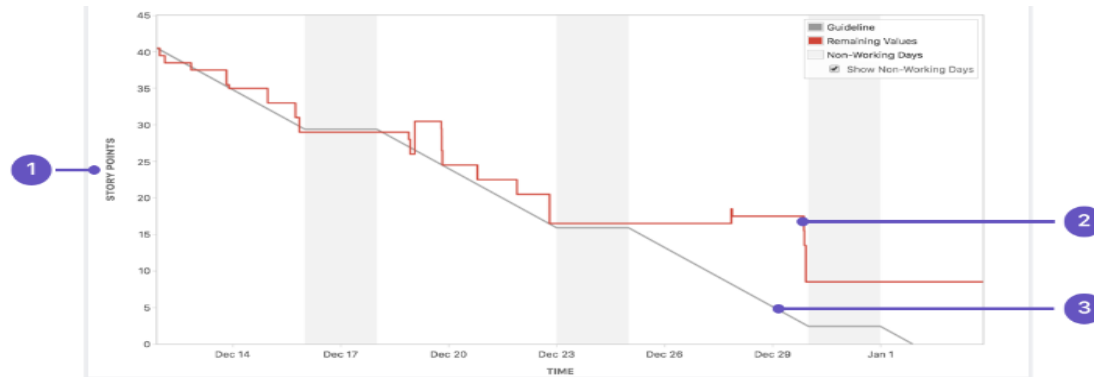
Velocity:

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.



- 1 **Estimation statistic:** The vertical axis represents the estimation statistic that you've selected.
- 2 **Remaining values:** The red line represents the total amount of work left in the sprint, according to your team's estimates.
- 3 **Guideline:** The grey line shows an approximation of where your team should be, assuming linear progress. If the red line is below this line, congratulations - your team's on track to completing all their work by the end of the sprint. This isn't foolproof though; it's just another piece of information to use while monitoring team progress.