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

Date	29 October 2022
Team ID	PNT2022TMID22510
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.	7	High	KS Revanth sai Rathnam Lokanadham V Lokesh T Vignesh C
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	5	High	KS Revanth sai Rathnam Lokanadham V Lokesh T Vignesh C
Sprint-1		USN-4	As a user, I can register for the application through Gmail	3	Medium	KS Revanth sai Rathnam Lokanadham V Lokesh T Vignesh C
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	5	High	KS Revanth sai Rathnam Lokanadham V Lokesh T Vignesh C
Sprint-2	Dashboard	USN-3	As a user, I must be able to see my details on the dashboard.	7	Medium	Vgnesh C Lokesh T
Sprint-2		USN-6	As a user, I should be able to change my password whenever I prefer	7	Medium	Lokanadham V KS Revanth sai Rathnam

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2		USN-7	User should be able to change the password through forgot password option	6	Medium	Lokesh T Vignesh C
Sprint-3	Searching	USN-8	User should be able to search the news based on their own interest	8	High	KS Revanth sai Rathnam Lokanadham V Lokesh T Vignesh C
Sprint-3		USN-8	Showing the trending news on search	4	Medium	KS Revanth sai Rathnam
Sprint-3		USN-8	Showing the Category – wise news	5	Medium	Lokanadham V Lokesh T Vignesh C
Sprint-3		USN-8	User can save the news needed and study later	3	Low	KS Revanth sai Rathnam
Sprint-4	Real time News	USN-9	Auto update news because it fetch news from API	7	High	Lokanadham V Lokesh T Vignesh C
Sprint-4	Location based	USN-10	User can view the news based on their location	7	High	KS Revanth sai Rathnam Lokanadham V Lokesh T Vignesh C
Sprint-4		USN-10	User can also change their location	6	Low	KS Revanth sai Rathnam Lokanadham V Lokesh T Vignesh C

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	29 Oct 2022	03 Nov 2022	15	03 Nov 2022
Sprint-2	20	6 Days	04 Nov 2022	09 Nov 2022		
Sprint-3	20	6 Days	10 Nov 2022	15 Nov 2022		
Sprint-4	20	6 Days	15 Nov 2022	20 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)

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

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.

https://www.visual-paradigm.com/scrum/scrum-burndown-chart/

https://www.atlassian.com/agile/tutorials/burndown-charts

Reference:

https://www.atlassian.com/agile/project-management

https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software

https://www.atlassian.com/agile/tutorials/epics

https://www.atlassian.com/agile/tutorials/sprints

https://www.atlassian.com/agile/project-management/estimation

https://www.atlassian.com/agile/tutorials/burndown-charts