Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID50731
Project Name	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	Vignesh
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	15	High	Esakki Raja
Sprint-1	Login	USN-3	As a user, I can log into the application by entering username and password	12	High	ArunKumar
Sprint-2	Dashboard	USN-4	As a user, I can view the headlines and news articles	10	High	Shenbaga Raj
Sprint-2	Search news	USN-5	As a user, I can search the news content and articles based on the interest	10	High	Esakki Raja
Sprint-3	Categories	USN-6	As a user, I can view the news articles according to the categories.	13	High	ArunKumar
Sprint-3	API	USN-7	As a user, I can see the news articles that can be fetched from Rapid API	12	High	Shenbaga Raj
Sprint-4	Share	USN-8	As a user, I can share the news to others	10	High	Vignesh

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	3	01 Nov 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	3	07 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	3	15 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	4	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)

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