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

Date	18 November 2022
Team ID	PNT2022TMID51805
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	Registeration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	10	High	Ajin kumar,Ashwin,Jenifer king
Sprint-1	Login	USN-2	As a user, I will receive confirmation email once I have registered for the application	5	High	Ajin kumar,Ashwin,Jenifer king
Sprint-1	Email Verification	USN-3	As a user I can verify my email using the link sent to my mail id	5	High	Ajin kumar,Abhinash,Ashwin

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	API Fetch	USN-4	Fetch News from Rapid API at regular interval	10	High	Ajin kumar,Ab hinash,As hwin
Sprint-2	REST Endpoints for backend	USN-5	Creating endpoints at the backend inorder to interact with frontend	10	Medium	Jenifer king,Ajin kumar
Sprint-3	Designing Frontend	USN-6	Create a minimalisting design in figma to create frontend	2	Medium	Ajin kumar
Sprint-3	Creating Frontend	USN-7	Create the frontend webpage using the design	10	Low	Ajin kumar,As hwin
Sprint-3	Connect frontend and backend	USN-8	Connect the frontend and backend and complete the application	8	High	Jenifer king,Ajin kumar
Sprint-4	Testing	USN-9	Testing the application before final release	10	High	Ajin kumar,Ab hinash
Sprint-4	Deployment	USN-10	Deployment of the application	10	High	Ashwin,Aj in kumar

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)

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