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

Date	18 October 2022
Team ID	PNT2022TMID18320
Project Name	Project – News Tracker Application
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

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.	5	High	Gokul S
Sprint-1		USN-2	As a user, I will receive confirmation email oncel have registered for the application	5	High	Gokul S Dheepa K
Sprint-1		USN-3	As a user, I can register for the application through Gmail	5	Medium	Gokul S
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password	5	High	Elamparithi R
Sprint-2	Dashboard	USN-5	As a user, I can enter the interests and choicesof	10	High	Gokul S Dheepa K

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
			news I want to see for the first time in dashboard.			
Sprint-2	Dashboard User Interface	USN - 11	Administrator designing the user interface	10	Medium	Gokul S
Sprint-3		USN-6	As a user I can go through the feed of news filtered according to my wish.	10	High	Gokul S
Sprint-3		USN-7	As a user, I can log out my account in settings.	10	Medium	Gokul S
Sprint-4		USN-8	As a user, I can update my interests and choicein account settings.	10	Medium	Gokul S

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Chat bot / Query	USN-9	Solve issues brought up by client	5	Medium	Dheepa K Elamparithi R
Sprint-4		USN-10	Roll out updates and bug fixes	5	High	Dheepa K

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) periteration 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 suchas Scrum. However, burn down charts can be applied to any project containing measurable progress over time.