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

Date	25 October 2022
Team ID	PNT2022TMID39497
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	User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Sarathkumar Lokesh Jeeva Prabakaran
Sprint-1			USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Sarathkumar Jeeva
Sprint-2			USN-3	As a user, I can register for the application through Facebook	2	Low	Jeeva
Sprint-1			USN-4	As a user, I can register for the application through Gmail	2	Medium	Lokesh
Sprint-1		Login	USN-5	As a user, I can log into the application by entering email & password	2	High	Sarathkumar Prabakaran
Sprint-3		Dashboard	USN-6	As a user, I will able to see the login and profile details	2	Medium	Sarathkumar Lokesh Jeeva Prabakaran

Sprint	User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Customer (Web user)	Registration	USN-7	As a user, I can register for the application by entering my name, phone number, email, password, and confirming my password	2	High	Sarathkumar
Sprint	User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Customer Care Executive	Chat box	USN-8	As a customer care executive, I can ask about the inconvenience and the usability about the app	2	Medium	Prabakaran Lokesh
Sprint-2	Administrator	Login	USN-9	As a administrator, I can help to login and register the user through gmail.	1	High	jeeva
Sprint-1	NEWS Tracker	IBM cloud	USN-10	As a tracker, I collect all the NEWS from the cloud	2	Medium	Sarathkumar Lokesh prabakaran
Sprint-3	Database Manager	IBM DB2	USN-11	As a database manager, I can collect all the user details and NEWS application details	2	Medium	Lokesh Jeeva

Project Tracker, Velocity & Burn down 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	11	6 Days	25 Oct 2022	29 Oct 2022	11	29 Oct 2022
Sprint-2	3	6 Days	31 Oct 2022	05 Nov 2022	3	05 Nov 2022

Sprint-3	4	6 Days	07 Nov 2022	12 Nov 2022	4	12 Nov 2022
Sprint-4	2	6 Days	14 Nov 2022	19 Nov 2022	2	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)

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

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.

Burn Down Chart