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

Date	1 November 2022
Team ID	PNT2022TMID49148
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	User Story Number	User/Task	Story Point	Priority	Team Member
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	Akash, Adhithyen
Sprint-1	Confirmation	USN-2	As a user, I will receive confirmation email once I have registered for the application.	10	High	Kablian, RajaPrabu
Sprint-2	Login	USN-3	As a user, I can log into the application by entering email & password.	10	High	Akash, RajaPrabu
Sprint-2	Dashboard	USN-4	As a user, I can explore news feed through subscription by personalized choice of news.	10	Medium	Akash, Kablian
Sprint-3	Personalized	USN-5	As a user, preferred choice of news with age limits.	10	High	Adhithyen, Kabilan
Sprint-3	Notification	USN-6	As a user, if I exceed the breaking news, I should get notification.	10	Medium	Adhithyen, RajaPrabu
Sprint-4	Support	USN-7	As a customer care executive, I can solve the log in issues and other issues of the application.	10	Low	Akash, Adhithyen
Sprint-4	Maintenance	USN-8	As an administrator, I can manage the data and upgrade the app.	10	Low	Akash, Adhithyen

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	4 days	01 Nov 2022	04 Nov 2022	20	04 Nov 2022
Sprint -2	20	4 days	05 Nov 2022	08 Nov 2022	20	08 Nov 2022
Sprint -3	20	4 days	09 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint -4	20	5 days	13 Nov 2022	17 Nov 2022	20	17 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)

Sprint 1(AV) =5
Sprint 2(AV) =5
Sprint 3(AV) =5
Sprint 4(AV) =5

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.

	T	NOV	DEC	J
Sprints		NTA Sprint 1, NTA Sprint 2		
NTA-2 Creating the Register and Login Pages				
NTA-3 Home Page of News Tracker Application				
NTA-4 Creating the Database Connectivity	▬			
NTA-5 Building UI News Tracker Application	▬▬			
NTA-6 Connecting Ui with News API		▬		
NTA-7 Sendgrid integration with Python Code		▬		
NTA-8 Building Watson Assistant for Chat Bot		▬		
NTA-9 Containerizing the App		▬		
NTA-10 Upload Images through IBM Cloud Storage...		▬		