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

Date	24 October,2023
Team ID	590920
Project Name	An Android Application for Keeping Up with the Latest Headlines
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	Search	USN-1	As a user, I want to browse the latest headlines by category (e.g., sports, politics) to find news that interests me.	2	High	
Sprint-1		USN-2	As a user, I want to search for specific news articles or topics using keywords	3	High	
Sprint-2		USN-3	As a user, I want to customize my news feed by selecting my preferred sources and categories.	3	Low	
Sprint-3		USN-4	As a user, I want to view news articles in a reader-friendly format, including text and images	3	High	
Sprint-3		USN-5	As a user, I want the app to load news articles quickly and efficiently, even on slower network connections, for a seamless experience	4	High	
Sprint-4		USN-6	As a user, I want to discover new and interesting sources of news and content, helping me explore a wider range of information	5	Medium	

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	5	3 Days	13 Oct 2023	15 Oct 2023	20	13 Oct 2023
Sprint-2	3	1 Days	16 Oct 2023	17 Oct 2023		
Sprint-3	7	5 Days	18 Oct 2023	22 Oct 2023		
Sprint-4	5	1 Days	23 Oct 2023	24 Oct 2023		

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)

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

AV= 10/20 = 0.5

Burndown Chart:

A burndown 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.