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

Date	21 October 2023
Team ID	NM2023TMID07518
Project Name	Dissecting The Digital Landscape: A Comprehensive Analysis Of Social Media
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	Data Collection and Ingestion	1	As a user, I want to log in to the social media analysis site.	3	High	Ameenath Fahmida D M, Swetha P
		2	As an analyst, I want to import data from various social media	5	High	Swathi Priya S G, Ameenath Fahmida D M

			platforms.			
Data Preprocessing and Cleaning	3	As an analyst, I want to define custom data filters for data refinement.	3	High	Swathi Priya S G,Swetha P
Data Storage and Database	4	As an analyst, I want to store data in a structured database.	8	High	Swetha P, Swathi Priya S G
Data Processing and Analysis	5	As an analyst, I want to perform sentiment analysis on user-generated content.	5	High	Ameenath Fahmida D M, Swetha P
	6	As a marketing manager, I want to	8	High	Swathi Priya S G, Swetha P

			access reports on the performance of our social media campaigns.			
Sprint 2	Data Processing and Analysis	7	As a marketing manager, I want to analyze data to improve strategies.	8	High	Swetha P, Ameenath Fahmida D M
		8	As a social media user, I want to access a public dashboard with general social media trends and insights.	3	High	Swathi Priya S G, Swetha P
	Personalized Content Curation	9	As a social media user, I want to search for trending content and popular hashtags related to specific	5	High	Swetha P, Ameenath Fahmida D M

			topics.			
	Data Visualization and Reporting	10	As a social media user, I want to see visualizations and infographics that simplify complex data.	3	High	Ameenath Fahmida D M, Swathi Priya S G

Project Tracker, Velocity & Burndown Chart: (4 Marks)

Sprint	Total Story Points	Duration (in weeks)	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
1	40	8	August 20, 2023	October 8, 2023	30	October 7, 2023
2	20	2	October 9, 2023	October 22, 2023	20	October 22, 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)

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

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.

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32|                    _/\_/\_
  |              _/           \_
22|          _/
  |       _/
  |
12|_____
  |  Sprint 1  |  Sprint 2
  |_____|_____
      Day 1-10      Day 1-5
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