

## Project Planning Phase

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

Date	26 Oct 2023
Team ID	NM2023TMID07235
Project Name	SUBSCRIBERS GALORE:EXPLORING THE WORLD'S TOP YOUTUBE CHANNELS.
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		USN-1	Clearly state what you aim to achieve with this project, such as analyzing and profiling the world's top YouTube channels.	2	High	
Sprint-1		USN-2	Determine who will be involved or affected by the project, including team members, sponsors, and potential collaborators.	1	High	
Sprint-2		USN-3	Clearly define what will be covered in the analysis of top YouTube channels, such as content categories, subscriber counts, growth rates, and other relevant factors.	2	Low	
Sprint-3		USN-4	Collect data on the top YouTube channels, including subscriber counts, view counts, content types, and trends.	2	Medium	
Sprint-4	Dashboard	USN-5	Explore existing research and studies related to YouTube channels to inform your analysis.	1	High	
			Document your findings and insights in a comprehensive report. Include visualizations, charts, and tables to present the data effectively.	2	High	
			Continuously monitor the project's progress, budget, and timeline.	1	Medium	
			Effective communication and collaboration with team members. Adhering to the project plan and adjusting it as necessary will help ensure that the analysis of the world's top YouTube channels is conducted efficiently and effectively.	1	High	

**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	28 Aug 2023	4 Sep 2023	5 Sep 2023	8 Sep 2023
Sprint-2	20	6 Days	11 Sep 2023	17 Sep 2023	19 Sep 2023	21 Sep 2023
Sprint-3	20	6 Days	25 Sep 2023	01 Oct 2023	03 Oct 2023	6 Oct 2023
Sprint-4	20	6 Days	9 Oct 2023	15 Oct 2023	18 Oct 2023	22 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)

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

