Project Planning Phase

Date	10 November 2023
Team ID	591915
Project Name	IMAGE CAPTION GENERATION
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	Generate Image Captions	USN-1	As a user, I want to upload an image and receive a generated caption	5	High	Bhaskar
Sprint-1	Customize caption generation	USN-2	As a user, I want to select different caption styles, such as short captions, long captions, or creative captions	3	Medium	Vinay Raj
Sprint-2	Access additional information	USN-3	As a user, I want to view detailed information about the generated caption, such as confidence scores for individual words or phrases	4	Medium	Sukumar
Sprint-2	Integrate with Existing Applications	USN-4	As a user, I want to integrate the image captioning model with existing applications, such as social media platforms or ecommerce websites	3	Medium	Jayadeep

Sprint-3	Monitor and Adapt Model Performance	USN-5	As a user, I want continuously monitor the model's performance on real-world data and adapt it as needed to address new challenges or changing requirements.	4	High	Vinay

Sprint-3	Collect and Analyze User Feedback	USN-6	As a user, I want to implement a mechanism to collect user feedback on the generated captions	3	Medium	Bhaskar

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	1 Nov 2023	3 Nov 2023	8	3 Nov 2023
Sprint-2	20	6 Days	5 Nov 2023	8 Nov 2023	7	8 Nov 2023
Sprint-3	20	6 Days	9 Nov 2023	13 Nov 2023	To be estimated	To be estimated

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: