Project Planning Phase

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

Date	22 November 2023
Team ID	Team-592095
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	Create captions for images.	USN-1	I want to be able to upload an image and receive a generated caption.	5	High	Sagar
Sprint-1	Tailor the process of generating captions for images.	USN-2	I would like the option to choose from various caption styles when generating captions for my uploaded images. This could include short captions, long captions, or creative and imaginative captions.	5	High	Saiteja
Sprint-2	Explore supplementary data.	USN-3	I would like to see detailed information about the generated caption, including confidence scores for individual words or phrases. This information would provide insights into how certain the model is about each part of the caption, enhancing transparency and understanding of the caption generation process.	4	Medium	Deepak

Sprint-2	Incorporate with current applications seamlessly.	USN-4	As a user, I desire the ability to seamlessly integrate the image captioning model with my existing applications, enabling a smooth incorporation of this technology into platforms like social media or e-commerce website.	5	High	Deepak & Saiteja
Sprint-3	Track and adjust the performance of the model accordingly.	USN-5	As a user, I aim to continuously monitor the image captioning model's performance on real-world data. I seek the capability to adapt the model dynamically, addressing new challenges and accommodating changing requirements. This ensures that the image captioning system remains effective and relevant over time.	4	Medium	Chandrahas
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	Sagar & Chandrahas

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:

Planned Story Points vs. Days