Project Planning Phase

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

Date	14 November 2022
Team ID	591955
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	SPRINT NAMES	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Project Setup and Initial Features (Ideation and brainstorm)	Project visions and stakeholders	USN-1	As a user, the need to upload an image, so that it can generate caption for it	2	High	Full Team
Sprint-2	Caption Generation, (Project Desing Phase)	Image Upload feature and basic image recognition model integration	USN	User: the ability of the system to generate concise and relevant captions for uploaded image .	1	Medium	Full Team
Sprint-3	Project Planning and Technology phase	Technology used and time to lay the plan of the					
Sprint-4	Model Building, coding, Model Training	Designing model and Implementing model training capabilities and continuously improve accuracy	Task	Task: Integrate mechanisms for data ingestion and preprocessing during the training and ser up a continuous integration pipeline for automatic model update	2	High	Full Team
Sprint-5	Documentation and	Document the project and prepare for deployment and finalizing	Task	Documenting the project and including user guides and prepare for deployment	1	High	Full Team

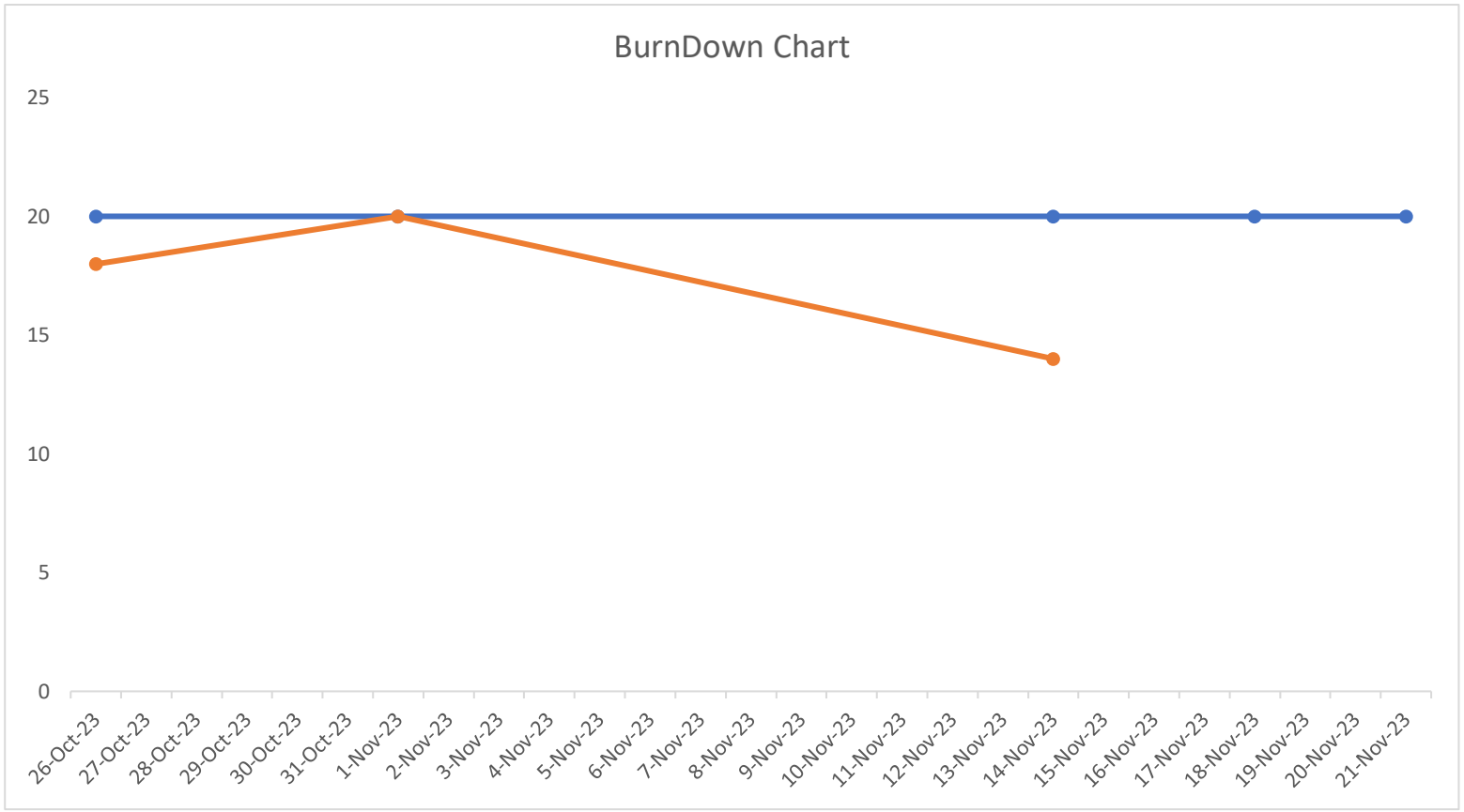
Project Tracker, Velocity & Burndown Chart: (4 Marks)

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	4 Days	23 Oct 2023	26 Oct 2023	18	27 Oct 2023
Sprint-2	20	5 Days	28 Oct 2022	1 Nov 2023	20	2 Nov 2023
Sprint-3	20	5 Days	02 Nov 2023	6 Nov 2023	17	14 Nov 2023
Sprint-4	20	10 Days	9 Nov 2022	18 Nov 2023		
Sprint-5	20	4 Days	18 Nov 2023	21 Nov 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
25
20
15
10
5
0
26-Oct-23
27-Oct-23
28-Oct-23
29-Oct-23
30-Oct-23
31-Oct-23
1-Nov-23
2-Nov-23
3-Nov-23
4-Nov-23
5-Nov-23
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9-Nov-23
10-Nov-23
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19-Nov-23
20-Nov-23
21-Nov-23