

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

Date	12-11-2023
Team ID	Team-591719
Project Name	Project -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

<u>Sprint</u>	<u>Functional Requirement (Epic)</u>	<u>User Story Number</u>	<u>User Story / Task</u>	<u>Story Points</u>	<u>Priority</u>	<u>Team Members</u>
Sprint-1	Image Upload	USN-1	As a content creator, I want to	3	High	Bhavani

			upload multiple images at once to save time and streamline the captioning process.			
Sprint-1	Custom Keywords	USN-2	As a content creator, I want to Input custom keywords during caption generation so that the Model incorporates keywords for more personalized captions.	2	Medium	Bhavani
Sprint-2	Caption Generation	USN-3	As a casual user, I want to effortlessly generate captions for my photos with a simple mobile-friendly interface.	5	High	Bhavana
Sprint-2	Emoji-powered Caption Generation	USN-4	As a casual user, I want to add emojis to generated captions for a more expressive output.	3	Medium	Bhavani
Sprint-3	Share Captions	USN-6	As an Everyday User,I want to Enable easy sharing of captioned images through messaging or social media.	2	Low	Bhavana

	Mood-based Captions	USN-7	As an Everyday User,I want a mood selection option during caption generation.Generated captions should align with the chosen mood or emotion.	5	Medium	Bhavana
Sprint-4	Seamless Social Media Integration	USN-8	As a social media manager, I want seamless integration with popular social media platforms for efficient content sharing.	3	Medium	Bhavani
	User Management (Epic)	USN-5	As an administrator, I want to manage user accounts and roles, ensuring a secure and organized platform.	8	High	Bhavana
Sprint -5	Advanced Caption Settings Exploration	USN-9	As an AI enthusiast I want to fine-tune advanced settings for the caption generation model, exploring the depths of customization.	8	High	Bhavani

	Accessible Image Caption Generator	USN-10	As an Accessibility User, I need the image caption generator to be accessible and usable with screen readers and other assistive technologies.	5	High	Bhavana
--	------------------------------------	--------	--	---	------	---------

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

<u>Sprint</u>	<u>Total Story Points</u>	<u>Duration</u>	<u>Sprint Start Date</u>	<u>Sprint End Date (Planned)</u>	<u>Story Points Completed (as on Planned End Date)</u>	<u>Sprint Release Date (Actual)</u>
Sprint-1	5	4 Days	27 Oct 2023	30 Oct 2023	5	30 Oct 2023
Sprint-2	8	4 Days	31 Oct 2023	03 Nov 2023	5	04 Nov 2023
Sprint-3	7	5 Days	04 Nov 2023	08 Nov 2023	2	08 Nov 2023
Sprint-4	11	6 Days	09 Nov 2023	14 Nov 2023	8	15 Nov 2023
Sprint-5	13	6 Days	15 Nov 2023	20 Nov 2023	13	20 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)

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

Sprint	Total Story Points	Sprint Duration	Completed story Points	Average Velocity
Sprint-1	5	4 Days	5	1.25
Sprint-2	8	4 Days	5	1.25
Sprint-3	7	5 Days	2	0.4

Sprint-4	11	6 Days	8	1.3
Sprint-5	13	6 Days	13	2.16

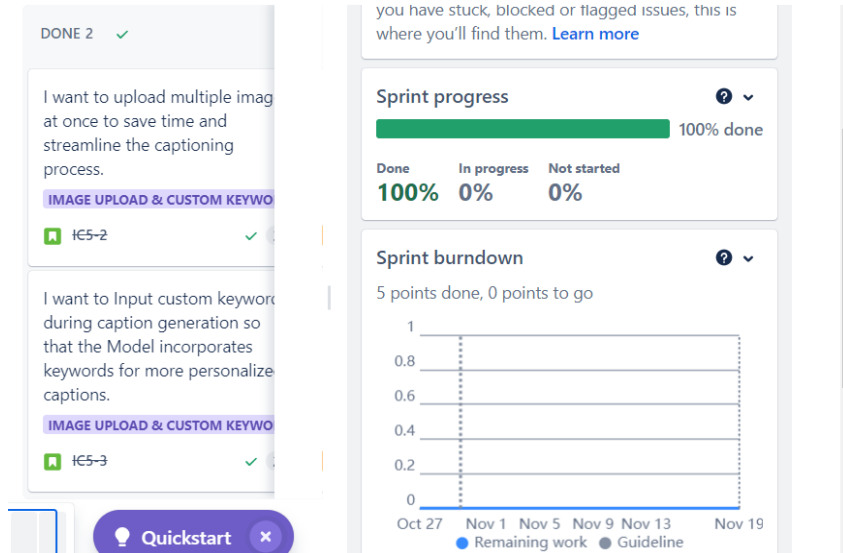
Velocity= TOTAL STORY POINTS COMPLETED/ NUMBER OF SPRINTS

$$\text{Velocity} = (5+5+2+8+13) / 5 = 33/5 \\ \approx 6.6$$

Burndown Chart:

A burn-down chart for the image captioning project visually represents the remaining work (story points) over each sprint. It tracks the team's progress by comparing planned story points with completed ones, providing insights into how efficiently the team is meeting its sprint goals and overall project timeline.

Sprint -1:



Sprint -2:

Sprint progress



62% done

Done	In progress	Not started
62%	38%	0%

Sprint burndown



5 points done, 3 points to go



Sprint -3 :

Sprint progress



29% done

Done
29%

In progress
71%

Not started
0%

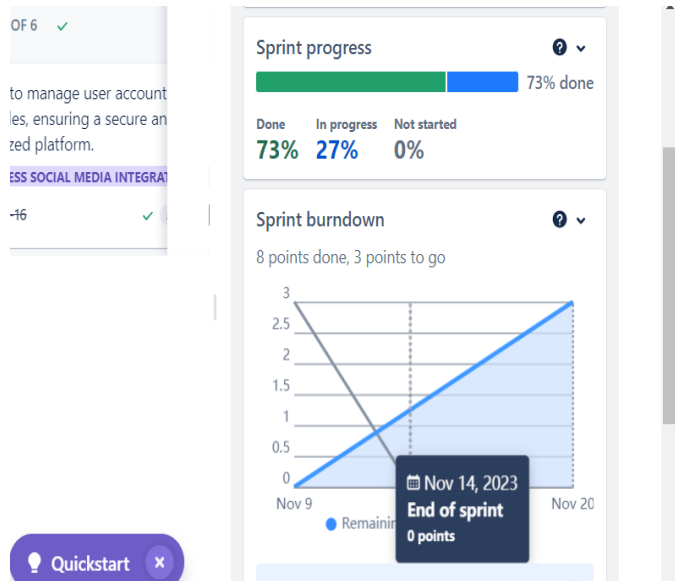
Sprint burndown



2 points done, 5 points to go



Sprint -4



Sprint -5 :

DONE 2 OF 8 ✓

I want to fine-tune advanced settings for the caption generation model, exploring the depths of customization.

ADVANCED CAPTION SETTINGS EXP

165-18 ✓

I need the image caption generator to be accessible and usable with screen readers and other assistive technologies.

ADVANCED CAPTION SETTINGS EXP

165-19 ✓

Sprint progress



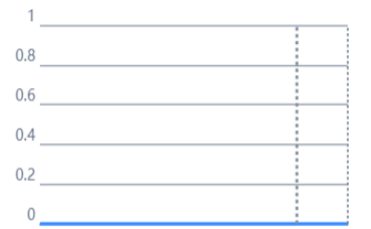
100% done

Done	In progress	Not started
100%	0%	0%

Sprint burndown



13 points done, -8 points to go



Nov 15

Nov 20

● Remaining work ● Guideline

Backlog



B

Invite

Epic ▾

Import work

Insights

View settings

Epic X

Issues without epic

> Image Upload & Custom Keywords

> Caption Generation & Emoji-powered Caption Generation

> Share Captions & Mood-based Captions

> Seamless Social Media

> Sprint 1 27 Oct – 30 Oct (2 issues) 0 0 5 Complete sprint ...

> Sprint 2 31 Oct – 3 Nov (2 issues) 0 3 5 Complete sprint ...

> Sprint 3 4 Nov – 8 Nov (2 issues) 0 5 2 Complete sprint ...

> Sprint 4 9 Nov – 14 Nov (2 issues) 0 3 8 Complete sprint ...

> Sprint 5 15 Nov – 20 Nov (2 issues) 0 0 13 Complete sprint ...

> Backlog (0 issues) 0 0 0 Create sprint

Your backlog is empty.

Timeline

B

+

Invite

Status category

Epic

		NOV
Sprints		<div>Sp... Sp... Spri... Sprint 4 Sprint 5</div>
> <div><div></div> IC5-1 Image Upload & Custom Keywords</div>	<div></div>	<div></div>
> <div><div></div> IC5-6 Caption Generation & Emoji-pow...</div>	<div></div>	<div></div>
> <div><div></div> IC5-9 Share Captions & Mood-based Ca...</div>	<div></div>	<div></div>
> <div><div></div> IC5-12 Seamless Social Media Integratio...</div>	<div></div>	<div></div>
> <div><div></div> IC5-17 Advanced Caption Settings Expl...</div>	<div></div>	<div></div>
+ Create Epic		

Reference:

<https://www.atlassian.com/agile/project-management>

<https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software>

<https://www.atlassian.com/agile/tutorials/epics>

<https://www.atlassian.com/agile/tutorials/sprints>

<https://www.atlassian.com/agile/project-management/estimation>

<https://www.atlassian.com/agile/tutorials/burndown-charts>