

## Project Planning Phase

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

Date	18 November 2023
Team ID	Team-592072
Project Name	Image Caption Generation
Maximum Marks	8 Marks

#### Product Backlog, Sprint Schedule, and Estimation (4 Marks)

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Photograper	Generate image captions	USN-1	As a user, I can Upload an image and generate a caption	1	High	Aryan
Social media manager	Use image captions to improve engagement on social media	USN-2	As a user,I can generate image captions that are engaging and relevant	1	Medium	Lakshman
Web developer	Integrate image caption generation into a website or application	USN-3	As a user, I use an API to generate captions for images on a website or application	2	Medium	Sricharan
Visually impaired user	Use image captions to understand images	USN-4	As a user, I can Generate audio descriptions of images for visually impaired users	1	High	Chaitanya
Educator	Use image captions to improve student learning	USN-5	As a user,I can generate captions for educational images that help students understand the content	1	Medium	Lakshman & chaitanya
Researcher	Use image captions to improve research	USN-6	As a user I can Generate captions for images that help us analyze data	2	Low	Sricharan & aryan

**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	1	4 Days	24 Oct 2022	28 Oct 2022	2	28 Oct 2022
Sprint-2	1	5 Days	29 Oct 2022	02 Nov 2022	1	02 Nov 2022
Sprint-3	2	3 Days	03 Nov 2022	05 Nov 2022	1	05 Nov 2022
Sprint-4	1	3 Days	06 Nov 2022	08 Nov 2022	2	08 Nov 2022
Sprint-5	1	3 Days	09 Nov 2022	11 Nov 2022	2	11 Nov 2022
Sprint-4	2	4 Days	12 Nov 2022	15 Nov 2022	1	15 Nov 2022

**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)

$$AV=22/3=7.34$$

### **Burndown Chart:**

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

<https://www.visual-paradigm.com/scrum/scrum-burndown-chart/>

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

### **Reference:**

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

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

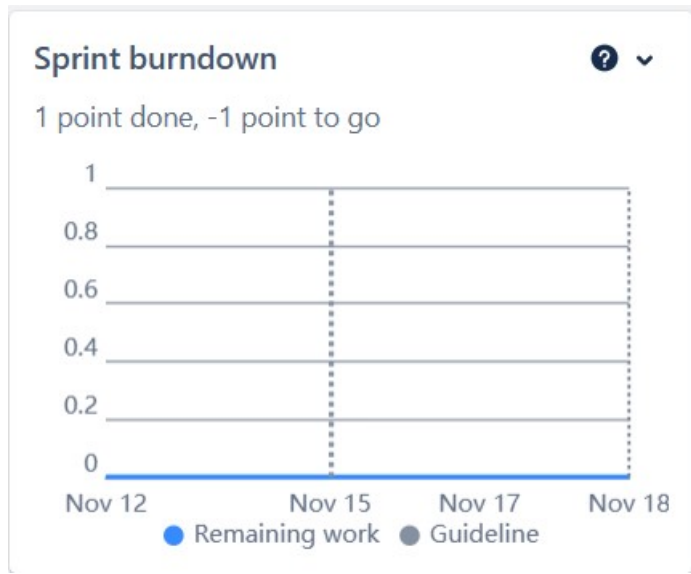
<https://www.atlassian.com/agile/tutorials/epics>

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

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

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

### Burndown chart:-



Board Section:-

Jira Software

Your work

Projects

Filters

Dashboards

Teams

Plans

Apps

Create

Q Search

?

⚙

PS

My Scrum Project

Software project

You're on the Free plan

UPGRADE

PLANNING

Timeline

Backlog

Board

+ Add view

DEVELOPMENT

Code

Documents

Add shortcut

Project settings

You're in a team-managed project

Learn more

Projects / My Scrum Project

SCRUM Sprint 6

Enhancing Research with Image Caption Integration

PS

Invite

Epic

GROUP BY

None

Import work

Insights

View settings

TO DO

IN PROGRESS

DONE 1

This involves integrating captioning technology to improve the understanding organization of research materials

USE IMAGE CAPIONS TO II

SCRUM-13

Sprint progress

100% done

Done

100%

In progress

0%

Not started

0%

Sprint burndown

1 point done, -1 point to go

1

0.8

0.6

0.4

0.2

0

Nov 12

Nov 15

Nov 17

Nov 18

Remaining work

Guideline

Epic progress

Quickstart

## Backlog Section:-

The screenshot displays the Jira Software interface for a project named "My Scrum Project". The top navigation bar includes "Jira Software", "Your work", "Projects", "Filters", "Dashboards", "Teams", "Plans", "Apps", and a "Create" button. A search bar and user profile icons are on the right.

The left sidebar shows the project name and plan status ("You're on the Free plan" with an "UPGRADE" button). It lists navigation options under "PLANNING" (Timeline, Backlog, Board, Add view) and "DEVELOPMENT" (Code, Documents, Add shortcut, Project settings). A note at the bottom states "You're in a team-managed project" with a "Learn more" link.

The main "Backlog" section has a search bar, a user profile icon, an "Invite" button, and an "Epic" dropdown. It features three panels:

- Epic panel:** Lists three epics: "Generate image captions", "Use image captions to improve engagement on social media", and "Integrate image caption generation into a website or application". Each epic has a progress bar and a "Create epic" button at the bottom.
- SCRUM Sprint 6 panel:** Shows the sprint dates "12 Nov – 15 Nov" and "1 issue". It contains one issue titled "Enhancing Research with Image Caption Integration" with a "DONE" status and a "Create issue" button.
- SCRUM Sprint 7 panel:** Shows "Add dates" and "(0 issues)". It includes a placeholder for planning a sprint and a "Create issue" button.

A "Backlog" panel at the bottom shows "(0 issues)" and a "Create issue" button. A "Quickstart" tooltip is visible at the bottom right.

The right sidebar contains "Backlog insights" with a "Sprint commitment" chart and an "Issue type breakdown" section.

**Backlog insights:** A bar chart shows the "Sprint commitment" for the "Current sprint". The average points completed over the last 5 sprints is 1.6. The chart indicates the sprint is "On target".

Committed	Recommended
1 point	1-3 points

**Issue type breakdown:** A section titled "Your top issue type to focus on in this sprint." with a bar chart showing the distribution of issue types.

