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

Date	22 October 2022
Team ID	PNT2022TMIDxxxxxx
Project Name	Project - xxx
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		USN-1	As a user, I can upload the image of chest x-ray on the upload page	5	High	Vinit lathiwala Shikhar Gupta
Sprint-2		USN-2	As a user, I will receive the response that is the person suffering from Covid or Pneumonia or is he perfectly normal.	5	High	Vinit Lathiwala
Sprint-3		USN-3	As a user, I will get my report within seconds.	3	Medium	Vinit Lathiwala Shikhar Gupta
	Dashboard					

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	2 Days	29 Oct 2023	30 Oct 2023	20	30 Oct 2023
Sprint-2	20	4 Days	31 Oct 2023	03 Nov 2023	20	03 Nov 2023
Sprint-3	20	4 Days	04 Nov 2022	7 Nov 2022	20	7 Nov 2022
Sprint-4	20	3 Days	08 Nov 2022	10 Nov 2022	20	10 Nov 2022
Sprint-5	20	2 Days	11 Nov 2023	12 Nov 2023	20	12 Nov 2023
Sprint-6	20	6 Days	13 Nov 2023	18 Nov 2023	20	18 Nov 2023
Sprint-7	20	4 Days	19 Nov 2023	22 Nov 2023	20	22 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:

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.

Sprint Burndown Chart - Predicted vs Actual Effort