

Project Planning Phase

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

Date	1 November 2022
Team ID	PNT2022TMID18569
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	Registration	USN-1	As a user, I can login directly using the software	2	High	
Sprint-1		USN-2	As a user, I can upload images before-hand to check with the gesture images	1	High	
Sprint-2		USN-3	As a user, I have to see that the gesture images are clear so that it gives correct results	2	Low	
Sprint-1		USN-4	As a user, If the images does not match, I can change it accordingly	2	Medium	
Sprint-1	Login	USN-5	As a user, I can see images uploaded and the gestures match correctly	1	High	
	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	6 Days	26 Oct 2022	31 Oct 2022	20	31 Oct 2022
Sprint-2	20	6 Days	02 Nov 2022	07 Nov 2022		
Sprint-3	20	6 Days	09 Nov 2022	14 Nov 2022		
Sprint-4	20	6 Days	16 Nov 2022	21 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)

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

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.

