

Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID52972
Project Name	Project - Intelligent Vehicle Damage Assessment & Cost Estimator For Insurance Companies.
Maximum Marks	8 Marks

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

Use the below template to create product backlog and sprint schedule

Sprint	User Story / Task	Story Points	Priority	Team Members
Sprint-1	As a user, I can login, register and sign out from the website created.	5	High	Shafiya Sidrath
Sprint-2	As a user, I will be using the cloud to access the model which has been deployed.	5	High	Nethra Prakash
Sprint-3	As a user, I can use the AI model built to estimate the extent of damage in the vehicle.	5	High	Sam Devavaram Jebaraj
Sprint-4	As a user, I can access the model via the cloud	5	Medium	Vikhas V

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

Sprint	Duration	Total Story Points	Sprint Start Date	Sprint End Date (Planned)	Sprint Release Date (Actual)
Sprint-1	6 Days	6	24 Oct 2022	29 Oct 2022	29 Oct 2022
Sprint-2	6 Days	6	31 Oct 2022	05 Nov 2022	5 Nov 2022
Sprint-3	6 Days	6	07 Nov 2022	12 Nov 2022	13 Nov 2022
Sprint-4	6 Days	6	14 Nov 2022	19 Nov 2022	18 Oct 202

Velocity:

Imagine we have a 10-day sprint duration. 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)

$$\text{AV} = \text{Sprint duration} / \text{Velocity}$$

$$= 6/6$$

$$= 1$$

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.

