

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

Date	22 October 2022
Team ID	PNT2022TMID03433
Project Name	Intelligent Vehicle Damage Assessment & Cost Estimator for Insurance Companies
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule and Estimation

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 register for the application by entering my email, and password, and confirming my password.	2	High	Kanishkar K
Sprint-1	Login	USN-2	As a user, I will receive a confirmation Email once I have registered for the application	1	High	Subbash D J
Sprint-1	Dashboard	USN-3	As a user, I can register for the application through Face book	2	High	Harish S
Sprint-2	Details about insurance company	USN-4	As a user, I can register for the application through Gmail	2	Low	Kumaran S
Sprint-1	repeated logins and logout	USN-5	As a user, I can log into the application by entering email & password	1	Medium	Subbash D J
Sprint-2	Webpage	USN-6	As a user I must capture images of my vehicle and upload it into the web portal.	2	High	Kumaran S
Sprint-3	Details about estimated cost based on damage	USN-7	As a user I must receive a detailed report of the damages present in the vehicle and the cost-estimated	2	High	Kanishkar K

Sprint-4	Provide friendly and efficient customer support and sort out the queries.	USN-8	As a user, I need to get support from developers in case of queries and failure of service provided	2	High	Harish S
Sprint-4	overview the entire process and act as a bridge between user and developer	USN-9	We need to satisfy the customer needs in an efficient way and make sure any sort of errors is fixed	2	High	Kanishkar K

Project Tracker, Velocity & Burn down Chart:

Project Tracker :

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	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

Velocity:

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)

$$\begin{aligned}
 AV &= \text{Sprint duration} / \text{Velocity} \\
 &= 20 / 6 \\
 &= 3
 \end{aligned}$$

Burn down 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.

