

Project Planning Phase
Project Planning

Date	22 October 2022
Team ID	PNT2022TMID01018
Project Name	Intelligent Vehicle Damage Assessment and Cost Estimator for Insurance Companies
Maximum Marks	8 Marks

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

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, password, and confirming my password.	2	High	Kavipriya & Aashika
Sprint-1	Login	USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Bushra & Janani
Sprint-1	Dashboard	USN-3	As a user, I can register for the application through Facebook	1	Medium	Janani & Kavipriya
Sprint-2	Dashboard	USN-4	As a user, I can register for the application through Gmail	1	High	Janani & Aashika
Sprint-1	Repeated login and logout	USN-5	As a user, I can log into the application by entering email & password	2	High	Aashika & Bushra
Sprint-2	Webpage	USN-6	As a user, I have to capture images of my damaged vehicle and upload it into the web portal	1	High	Kavipriya & Bushra

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
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	1	High	Kavipriya & Aashika
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	Janani & Kavipriya

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	24 Oct 2022	28 Oct 2022	20	28 Oct 2022
Sprint-2	20	6 Days	29 Oct 2022	02 Nov 2022	20	02 Nov 2022
Sprint-3	20	6 Days	03 Nov 2022	07 Nov 2022	20	07 Nov 2022
Sprint-4	20	6 Days	08 Nov 2022	12 Nov 2022	20	12 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.



