

Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID30128
Project Name	Project - Intelligent Vehicle Damage Assessment & 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.	7	High	Gowtham R
		USN-2	As a user, I will receive confirmation email once I have registered for the application	3	Medium	Gowsick R
	Login	USN-3	As a user, I can log into the application by entering email & password	2	Medium	Gokul Raj V
Sprint-2	Dashboard	USN-4	As a user, I can give personal informations for check my insurance details	6	Medium	Gowsick R
		USN-5	As a user, I can Connect with an Expert to choose my Insurance Plan	5	Medium	Mega Vignesh kumar B
Sprint-3	Apply	USN-6	As a user, I can give my vehicle details for clarification	5	High	Gokul Raj V
		USN-7	As a user, I can upload a input image to get prediction result and insurance claims	9	High	Mega Vignesh Kumar B
Sprint-4	Result	USN-8	As a user, I get the prediction cost based on the vehicle damage	10	High	Gowtham R

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	12	6 Days	24 Oct 2022	29 Oct 2022		29 Oct 2022
Sprint-2	11	6 Days	31 Oct 2022	05 Nov 2022		
Sprint-3	14	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	10	6 Days	14 Nov 2022	19 Nov 2022		

Velocity:

Sprint – 1 : The Average Velocity (AV):

$$AV = \text{Sprint Duration} / \text{Velocity} = 12 / 6 = 2$$

Sprint – 2 : The Average Velocity (AV):

$$AV = \text{Sprint Duration} / \text{Velocity} = 11 / 6 = 1.8$$

Sprint – 3 : The Average Velocity (AV):

$$AV = \text{Sprint Duration} / \text{Velocity} = 14 / 6 = 2.3$$

Sprint – 4 : The Average Velocity (AV):

$$AV = \text{Sprint Duration} / \text{Velocity} = 10 / 6 = 1.6$$

Burndown Chart:

