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

Date	21 October 2022
Team ID	PNT2022TMID25016
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	User input	USN-1	User inputs an *insurance* URL in the required field to estimate the cost for the company.	1	Medium	Vincent Leo Vimal M
Sprint-2	Website Comparison	USN-2	Comparing various site to estimate the damage and cost of the vehicle.	1	High	Sanjeevi p
Sprint-3	Feature Extraction	USN-3	After comparing with various websites we can able to extract the correct cost and damage of the vehicle using ML algorithm.	2	High	Navin J
Sprint-4	Prediction	USN-4	The user or the company people can easily able to predict it using convolutional neural network.	1	Medium	Romil
Sprint-5	Classifier	USN-5	Model sends all the output to the classifier and produces the final result.	1	Medium	Navin J
Sprint-6	Announcement	USN-6	This will announce the overall prediction of damage and cost of the vehicle as final output.	1	High	Romil
Sprint-7	Events	USN-7	This model needs the capability of retrieving and displaying accurate damage and cost estimation of the vehicle for insurance company.	1	High	Vincent Leo Vimal M

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	1	3 Days	24 Oct 2022	26 Oct 2022	1	26 Oct 2022
Sprint-2	1	3 Days	29 Oct 2022	31 Oct 2022	1	31 Oct 2022
Sprint-3	2	3 Days	03 Nov 2022	05 Nov 2022	2	05 Nov 2022
Sprint-4	1	3 Days	08 Nov 2022	10 Nov 2022	1	10 Nov 2022
Sprint-5	1	3 Days	13 Nov 2022	15 Nov 2022	1	15 Nov 2022
Sprint-6	1	3 Days	18 Nov 2022	20 Nov 2022	1	20 Nov 2022
Sprint-7	1	3 Days	23 Nov 2022	25 Nov 2022	1	25 Nov 2022

Velocity:

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

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.

https://www.visual-paradigm.com/scrum/scrum-burndown-chart/

https://www.atlassian.com/agile/tutorials/burndown-charts

Reference:

https://www.atlassian.com/agile/project-management

https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software

https://www.atlassian.com/agile/tutorials/epics

https://www.atlassian.com/agile/tutorials/sprints

https://www.atlassian.com/agile/project-management/estimation

https://www.atlassian.com/agile/tutorials/burndown-charts