Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID37798
Project Name	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	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Data Collection and HTML pages as per user perspective	USN-1	Collect Dataset.	7	High	Dinesh.S Sandeep.P Vijay.R Lukesh kumar.K
Sprint-1		USN-2	Reshape the data and apply one hot encoding	7	Medium	Dinesh.S Sandeep. P
Sprint-1		USN-4	HTML pages for registration, dashboard, login etc.	6	Medium	Dinesh.S sandeep.P Vijay.R
Sprint-2	Model Building	USN-5	Import the required libraries, add the necessary layers and compile the model	11	High	Dinesh.S Sandeep.P Vijay.R Lukesh kumar.K
Sprint-2		USN-6	Training the image classification model using CNN	9	Medium	Dinesh.S Sandeep.P
Sprint-3	Training and Testing	USN-7	Building Python code	13	High	Dinesh.S Vijay.R

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Training and Testing	USN-8	Run the application	7	High	Dinesh.S Vijay.R Lukesh kumar.K
Sprint-4	Implementation of the application and deployment on cloud	USN-9	Training the model on IBM cloud.	8	High	Sandeep.P Lukesh kumar.K
Sprint-4		USN-9	Integrate with flask application	12	Medium	Dinesh.S Sandeep.P Lukesh kumar.K

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	29 Oct 2022		29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	04 Nov 2022		04 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	11 Nov 2022		11 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	18 Nov 2022		18 Nov 2022

Velocity:

$$AV = \frac{sprint\ duration}{velocity}$$

AV = 20/6 = 3.3