Project Planning Phase

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

Team ID	PNT2022TMID25776
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	Aravindh Guru S, Karthikeyan N
Sprint-1		USN-2	Reshape the data and apply one hot encoding	7	Medium	Deepika T, Dhivyasai S
Sprint-1		USN-4	HTML pages for registration, dashboard, login etc.	6	Medium	Aravindh Guru S, Karthikeyan N, Deepika T, Dhivyasai S
Sprint-2	Model Building	USN-5	Import the required libraries, add the necessary layers and compile the model	11	High	Aravindh Guru S, Karthikeyan N
Sprint-2		USN-6	Training the image classification model using CNN	9	Medium	Deepika T, Dhivyasai S
Sprint-3	Training and Testing	USN-7	Building Python code	13	High	Deepika T, Dhivyasai S

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	Deepika T, Dhivyasai S
Sprint-4	Implementation of the application and deployment on cloud	USN-9	Training the model on IBM cloud.	8	High	Deepika T, Dhivyasai S
Sprint-4		USN-9	Integrate with flask application	12	Medium	Aravindh Guru S, Karthikeyan N

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