Project Planning Phase

Date	29 October 2022
Team ID	PNT2022TMID01378
Project Name	Project Name - 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 an owner of a particular vehicle, I can log into the website by entering email & password.	2	Medium	Sanjay V Sathish Kumar G Sanjay Preeth D Dhivyesh Anand
Sprint-1	User Confirmation	USN-2	As an owner of a particular vehicle, I will receive confirmation email once I have registered for the website.	1	Medium	Sanjay V Sathish Kumar G Sanjay Preeth D Dhivyesh Anand
Sprint-1	Login	USN-3	As an owner of a particular vehicle, I can log into the website by entering email & password.	2	Low	Sanjay V Sathish Kumar G Sanjay Preeth D Dhivyesh Anand
Sprint-2	Data Collection	USN-1	Download the dataset used in intelligent vehicle damage assessment & cost estimator for insurance companies.	2	High	Sanjay V Sathish Kumar G Sanjay Preeth D Dhivyesh Anand

Sprint-2	Image Pre Processing	USN-1	Improve the image data that suppresses unwilling distortions or enhances some image features important for further processing, although performing some geometric transformations of images like rotation, scaling, etc.	2	High	Sanjay V Sathish Kumar G Sanjay Preeth D Dhivyesh Anand
Sprint-3	Model Building	USN-1	Define the model architecture and adding CNN layer and testing ,saving the model.	2	High	Sanjay V Sathish Kumar G Sanjay Preeth D Dhivyesh Anand
Sprint-3	Cloud DB	USN-1	Below are steps that need to follow for creating and using cloudant service. • Register & login to IBM cloud • Create service instance • Creating service credentials • Launch cloudant DB • Create database	2	High	Sanjay V Sathish Kumar G Sanjay Preeth D Dhivyesh Anand
Sprint-4	Application Building	USN-1	Building a web application that is integrated into the model we built. A UI is provided to the user where he has uploaded the image. Based on the saved model, the uploaded image will be analyzed and prediction is showcased on the UI.	2	High	Sanjay V Sathish Kumar G Sanjay Preeth D Dhivyesh Anand
Sprint-4	Train The Model On IBM	USN-1	Build Deep learning model and computer vision Using the IBM cloud.	2	High	Sanjay V Sathish Kumar G Sanjay Preeth D Dhivyesh Anand

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	5 Days	28Oct 2022	03Oct 2022	20	04Oct 2022
Sprint-2	20	6 Days	02Nov 2022	09Nov2022	20	09 Nov2022
Sprint-3	20	8 Days	09Nov2022	17Nov2022	20	17Nov2022
Sprint-4	20	8 Days	10 Nov 2022	19Nov2022	20	19 Nov 2022