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

Date	07 November 2022
Team ID	PNT2022TMID00952
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 application by entering email & password.	2	High	**BALAMURUGAN B** GOKULARAMAN C DINESH KUMAR M HARIHARAPRASAD D
Sprint-1	User Confirmation	USN-2	As an owner of a particular vehicle, I will receive confirmation email once I have registered for the application.	1	Medium	**BALAMURUGAN B** GOKULARAMAN C DINESH KUMAR M HARIHARAPRASAD D
Sprint-1	Login	USN-3	As an owner of a particular vehicle, I can log into the application by entering email & password.	2	High	**BALAMURUGAN B** GOKULARAMAN C DINESH KUMAR M HARIHARAPRASAD D
Sprint-2	Data Collection	USN-1	Download the dataset used in intelligent vehicle damage assessment & cost estimator for insurance companies.	2	High	**BALAMURUGAN B** GOKULARAMAN C DINESH KUMAR M HARIHARAPRASAD D

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	**BALAMURUGAN B** GOKULARAMAN C DINESH KUMAR M HARIHARAPR ASAD D
Sprint-3	Model Building	USN-1	Define the model architecture and adding CNN layer and testing ,saving the model.	2	High	**BALAMURUGAN B** GOKULARAMAN C DINESH KUMAR M HARIHARAPR ASAD D
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	**BALAMURUGAN B** GOKULARAMAN C DINESH KUMAR M HARIHARAPR ASAD D
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 analysed and prediction is showcased on the UI.	2	High	**BALAMURUGAN B** GOKULARAMAN C DINESH KUMAR M HARIHARAPR ASAD D
Sprint-4	Train The Model On IBM	USN-1	Build Deep learning model and computer vision Using the IBM cloud.	2	High	**BALAMURUGAN B** GOKULARAMAN C DINESH KUMAR M HARIHARAPR ASAD D

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	28 Oct 2022	03 Nov 2022	20	08 Nov 2022
Sprint-2	20	5 Days	03 Nov 2022	08 Nov 2022	20	08 Nov 2022
Sprint-3	20	8 Days	01 Nov 2022	09 Nov 2022	20	09 Nov 2022
Sprint-4	20	4 Days	02 Nov 2022	10 Nov 2022	20	10 Nov 2022