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

Date	18 October 2022
Team ID	PNT2022TMID51924
Project Name	Intelligent Vehicle damage assessment and cost estimator
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	Data Collection		Download the dataset, The dataset contains pictures which is used to train the model	5	High	Atshayaa.V Chithambara selvii.G Gokul B Hari Haran S V
	Image Preprocessing		Before training the model you have to preprocess the images and then feed them on to the model for training. We make use of the Tensorflow ImageDataGenerator class for image preprocessing.	5	Medium	Atshayaa.V Chithambara selvii.G Gokul B Hari Haran S V
Sprint-2	Model Building		Create a CNN Model which can classify the size of damage from a given image.	7.5	High	Atshayaa.V , Chithambara selvii.G, Gokul B, Hari Haran S V

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Testing the Model		The model had been successfully trained. The model is to be tested with different images to know if it is working correctly.	5	High	Atshayaa.V Chithambara selvii.G Gokul B Hari Haran S V
	IBM Cloud Registration		Register for the IBM Cloud to use the service of the IBM.	5	High	Atshayaa.V Chithambara selvii.G Gokul B Hari Haran S V
	Train & Deploy The Model On IBM		Train the model on IBM Cloud & Deploy it using the Watson Studio Service.	5	High	Atshayaa.V Chithambara selvii.G Gokul B Hari Haran S V
Sprint-4	Application Building		The model is then integrated into a web application all users can use it we used python flask for servers and HTML/CSS for the webpage	4	Medium	Atshayaa.V Chithambara selvii.G Gokul B Hari Haran S V
	Home page	USN-1	As a user, I can know how the application works	4	High	Atshayaa.V Chithambara selvii.G Gokul B Hari Haran S V

	Prediction Page	USN-2	As a user, I can access the website and upload the images of the damaged vehicle and I get the estimated cost very quick and it is useful for me to claim the insurance easily	4	High	Atshayaa.V Chithambara selvii.G Gokul B Hari Haran S V

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	23 Oct 2022	29 Oct 2022	20	18 Nov 2022
Sprint-2	20	6 Days	29 Oct 2022	05 Nov 2022	15	18 Nov 2022
Sprint-3	20	4 Days	05 Nov 2022	09 Nov 2022	15	18 Nov 2022
Sprint-4	20	6 Days	10 Nov 2022	17 Nov 2022	10	18 Nov 2022