

Project Design Phase-II

Data Flow Diagram & User Stories

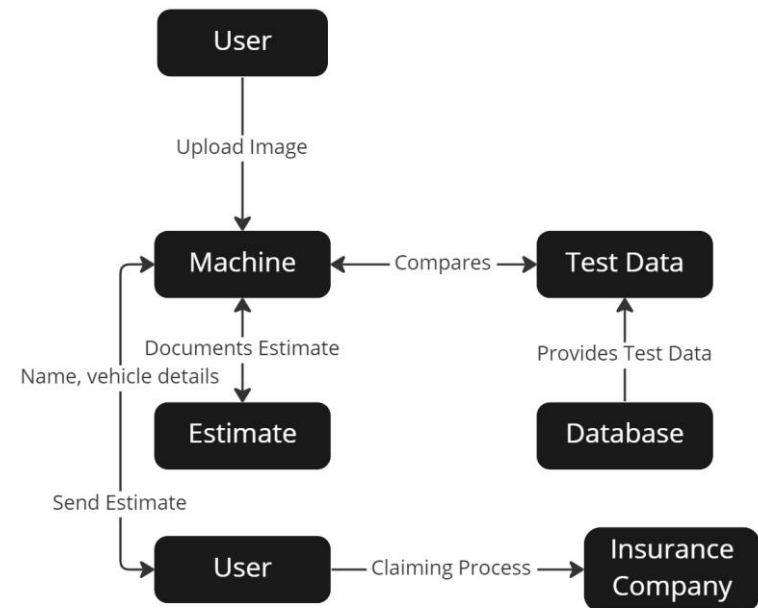
Date	03 October 2022
Team ID	PNT2022TMID01378
Project Name	Project - Intelligent Vehicle Damage Assessment & Cost Estimator for Insurance Companies
Maximum Marks	4 Marks

Data Flow Diagram:

Flow:



1. The user first uploads the picture of the damaged area in the car to the website.
2. The machine which is trained using the dataset analyses the photo that is uploaded.
3. Then it gives the estimation and the severity of the damage on the vehicle.
4. Using the estimation given by the AI, the customer will be able to approach the insurance company and claim the insurance amount for the restoration of the vehicle.



User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Web User)	Registration	USN-1	As a customer, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1
		USN-3	As a user, I can enter the details of my vehicle In the website.	I can register & access the details of the vehicle	High	Sprint-2
		USN-4	As a user, I can enter the license and registration of my vehicle for the insurance process	I can register the registration and license details on the website with proper proofs	Medium	Sprint-1
	Upload images	USN-5	As a user, I can upload the pictures of the damage that has been caused in my vehicle through the website	The pictures of the damaged vehicle that is yours can only be uploaded	High	Sprint-1
	Dataset Collection	USN-6	The website is trained using a training dataset so that it can precisely give the estimation of the damage	The damage in the vehicle must be captured clearly in the camera	High	Sprint-3
		USN-7	The level and the estimation of the damage is given by the website using the trained algorithms and dataset	Clear level and estimation of damage is given	Medium	Sprint-3
	Output	USN-8	As a customer with the results obtained from the website, they can approach the claimable amount from the respected insurance companies	Insurance amount and the damage can be rectified by the companies	High	Sprint-4
	Experience	USN-9	As a customer it provides full satisfaction of the website	Provide more feedback and better results in future	High	Sprint-4