PROJECT DESIGN PHASE-II

DATA FLOW DIAGRAM & USER STORIES
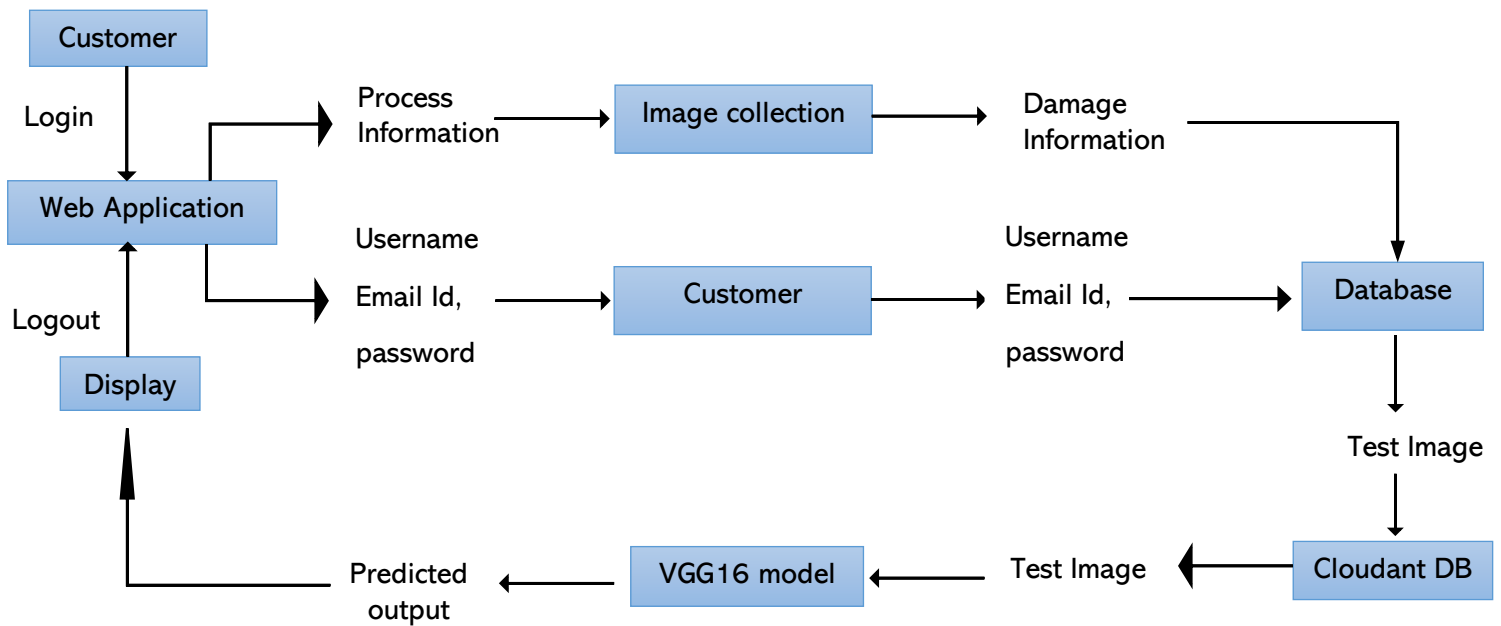
DATE	20 September 2022
TEAM ID	PNT2022TMID39097
PROJECT NAME	Project – Intelligent Vehicle Damage Assessment and Cost Estimator for Insurance Companies
MAXIMUM MARKS	4 marks

DATA FLOW DIAGRAM:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a System. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows How data enters and leaves the system, what changes the information, and where data is stored.

DFD LEVEL 0:

Customer

Login

Web Application

Logout

Display

Process Information → Image collection → Damage Information

Username Email Id, password → Customer → Username Email Id, password → Database

Database → Test Image → Cloudant DB

Cloudant DB → Test Image → VGG16 model

VGG16 model → Predicted output → Display
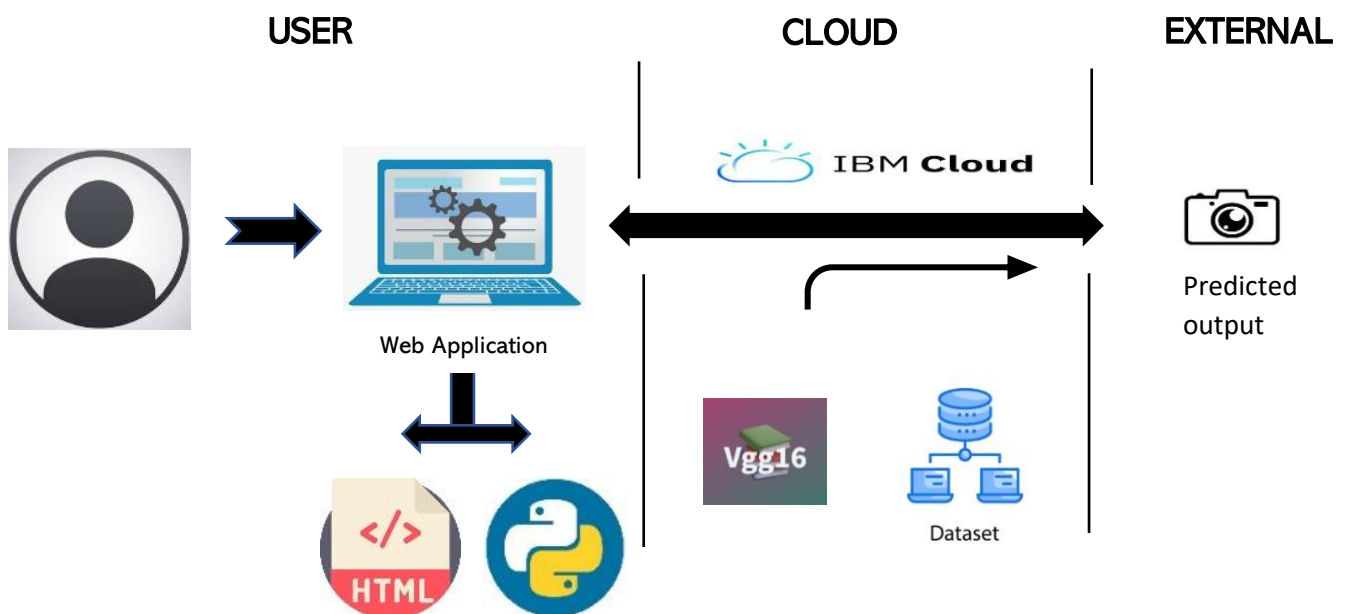
User stories:

The following list out all the user stories for the product.

User type	Functional Requirements (Epic)	User stories Number	User story/ task	Acceptance Criteria	Priority	Release
Patient (Mobile user)	Registration	USN 1	As a user, I can register for the application by entering name, email ID, password.	I can access my account / dashboard	High	Sprint 1

		USN 2	As a user, I will receive a confirmation email once I have registered for the application.	I can receive confirmation Email & dick confirm	High	Sprint 1
		USN 3	As a user, I can register for the application through link in Google chrome	I can register & access the dashboard with Google	High	Sprint 1
		USN 4	As a user, I can register for the application through Gmail.	I can register through Gmail.	Medium	Sprint 2
	Login	USN 5	As a user, I can login to the application by entering registered email ID, Password.	I can receive login credential	High	Sprint 1
		USN 6	As a user, I can logout from the application when logout is clicked it redirects to the logout.htm page.	I can also receive logout credential	High	Sprint 1
	Interface	USN 7	As a user, the interface should be easy to access	I Can able to access easily.	Medium	Sprint 2
Patient (Web user)	Dashboard	USN 8	As a user, I can give the specific Info (vehicle image, damage location, variation in damage, screening test,)	I can able to know about how depth the damage is	High	Sprint 1
Patient (Input)	View Manner	USN 9	As a user, I can view damage details in visual representation (images).	I Can easily understand by using images visually.	High	Sprint 1

	Color visibility	USN 10	As a user, I can able to see the vehicle color how depth the damage is	I can easily know about the condition of vehicle	High	Sprint 2
	Knowledge	USN 11	As a user, I can able to know about the claim amount details in early stage	I can easily understand the estimated amount is affordable	High	Sprint2
Administrator	Risk Tolerant	USN 12	An administrator who is handing the website should update and take care of the application	Admin should Monitor the records property.	Medium	Sprint 2