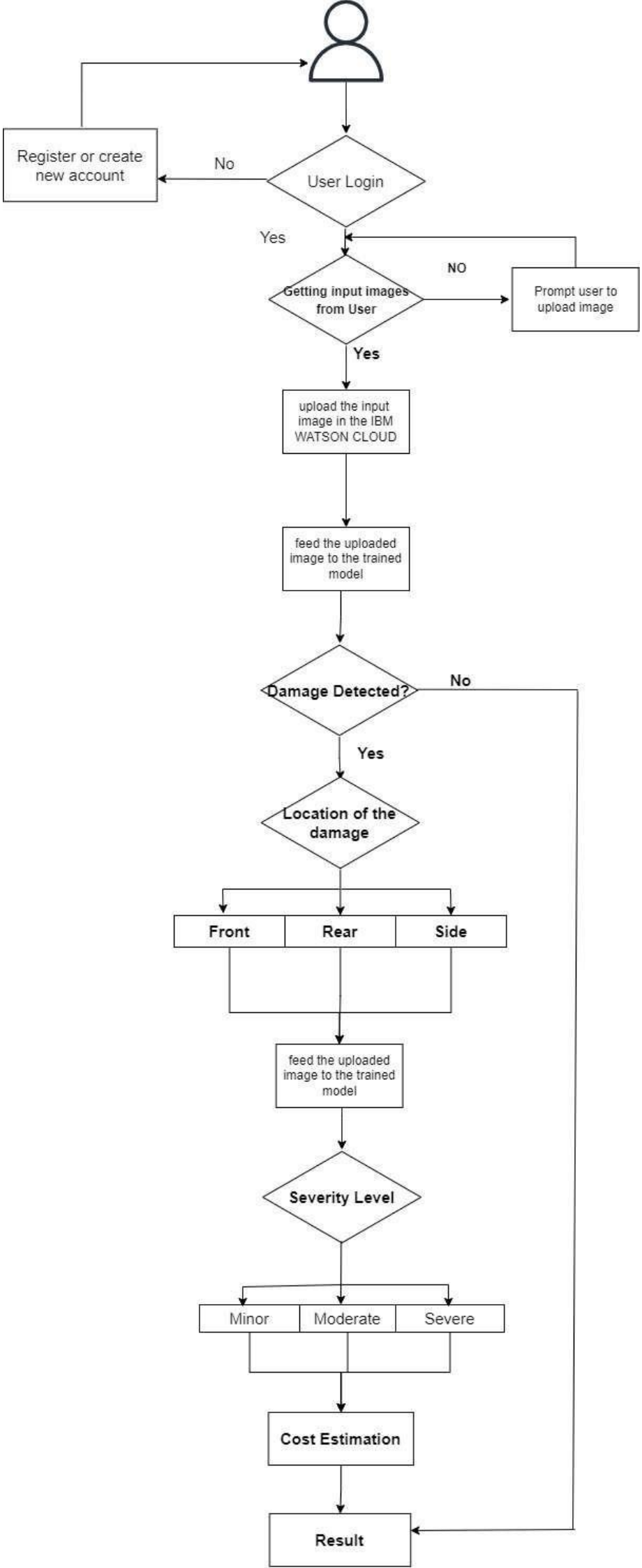
Project Design Phase-II
Data Flow Diagram

Date	03 October 2022
Team ID	PNT2022TMID21789
Project Name	Intelligent Vehicle Damage Assessment and Cost Estimator for Insurance Companies
Maximum Marks	4 Marks

Data Flow Diagrams:

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.


Register or create new account
No
User Login
Yes
NO
Getting input images from User
Prompt user to upload image
Yes
upload the input image in the IBM WATSON CLOUD
feed the uploaded image to the trained model
Damage Detected?
No
Yes
Location of the damage
Front
Rear
Side
feed the uploaded image to the trained model
Severity Level
Minor
Moderate
Severe
Cost Estimation
Result

User Stories

Use the below template to list all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, and password, and confirming my password.	I can access my account/dashboard by entering valid credentials	High	Sprint-1
Customer Details	Login	USN-2	As a user, I will receive a confirmation email once I have registered for the application	I can receive a confirmation email & click confirm	High	Sprint-1
Customer Uses	Dashboard	USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-4
Customer Options	Details about insurance companies	USN-4	As a user, I can register for the application through Gmail	I can register & access the dashboard with Facebook Gmail	Medium	Sprint-1

Customer usage	Login and repeated usage	USN-5	As a user, I can log into the application by entering email & password	I can log in and view my dashboard at my demand on any time	High	Sprint-1
Customer needs to do	Web page	USN-6	As a user I must capture images of my vehicle and upload it into the web portal.	I can capture the entire vehicle and upload	High	Sprint-2
Customer (Web user) value	Details about estimated cost based on damage	USN-7	As a user I must receive a detailed report of the damages present in the vehicle and the cost estimated	I can get the estimated insurance cost	High	Sprint-3
Customer Care Executive	Provide friendly and efficient customer support and sort out the queries	USN-8	As a user, I need to get support from developers in case of queries and failure of service provided	I can have smooth user experiences and all the issues raised is sorted	Medium	Sprint-4
Administrator	Overview the entire process and act as a bridge between user and developers	USN-9	We need to satisfy the customer needs in an efficient way and make sure any sort of errors are fixed	I can finish the work without any problems	High	Sprint-4