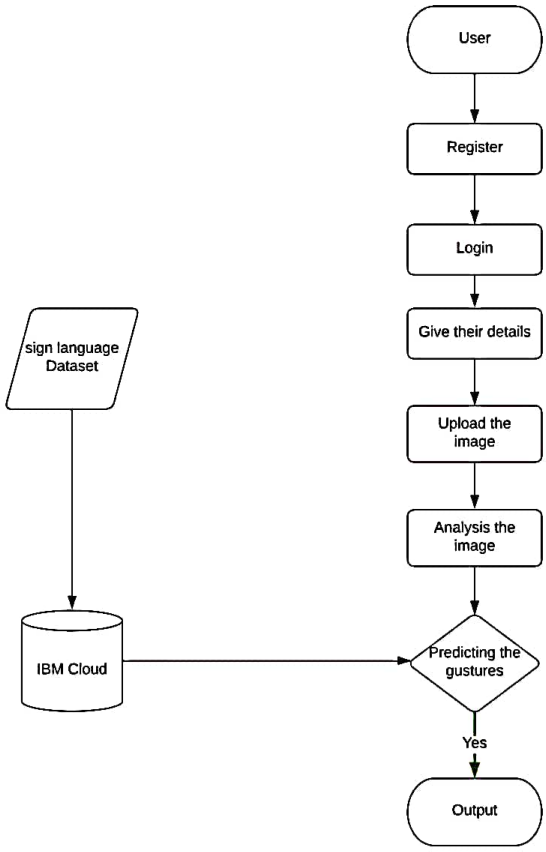
Flowchart

mech john | October 30, 2022

Project Design Phase-II
Data Flow Diagram & User Stories

Date	14 October 2022
Team ID	PNT2022TMID52497
Project Name	Real-Time Communication System Powered by AI for Specially Abled
Maximum Marks	4 Marks



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 (Web user)	Registration	USN-1	As a user, 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-2
		USN-3	As a user, I can register for the application through Gmail		Medium	Sprint-2
	Login	USN-4	As a user, I can log into the application by entering email & password		High	Sprint-1
	Dashboard	USN-5	As a user, display all information on the site.		High	Sprint-1
		USN-6	As a user, give their details for future use.		Medium	Sprint-2
	Recognition	USN-7	As a user, record a video or image and upload it..		High	Sprint-3
		USN-8	As a user, view the results of analysis and communicate to others.		High	Sprint-3
Customer Care Executive			create bot chat and collect the queries.		low	Sprint-4
			get feedback from customers.		Medium	Sprint-4

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Web user)	User registration	USN-1	1.Registration through email 2.Registration through mobile no	I can access my account / dashboard	High	Sprint-1
	User confirmation	USN-2	1.Confirmation via email 2.Confirmation via otp	I can receive confirmation email & click confirm	High	Sprint-2
Developer	Data collection		1.Collecting data for building our project . 2.Creating two folders one for training and the other for testing.		High	Sprint-1
	Preprocessing		Preprocessing the Dataset		High	Sprint-1
	Model building		1.Initializing the model 2.Adding convolution layers 3.adding pooling layers 4.Full connection layers which includes hidden layers 5.Flatten layer 6.Compile the model with layers we added to complete the neural network structure		High	Sprint-2
	Test the model		Test the model by passing an image to get predictions. Make sure that the dimensions,rescaling, target size are correct while testing the model		High	Sprint-2
	Build web Application		Create a web application for recognition using Flask.		High	Sprint-3
	Deployment on IBMcloud		Integrating the Model which trains and Web application are deployed on cloud.		High	Sprint-4