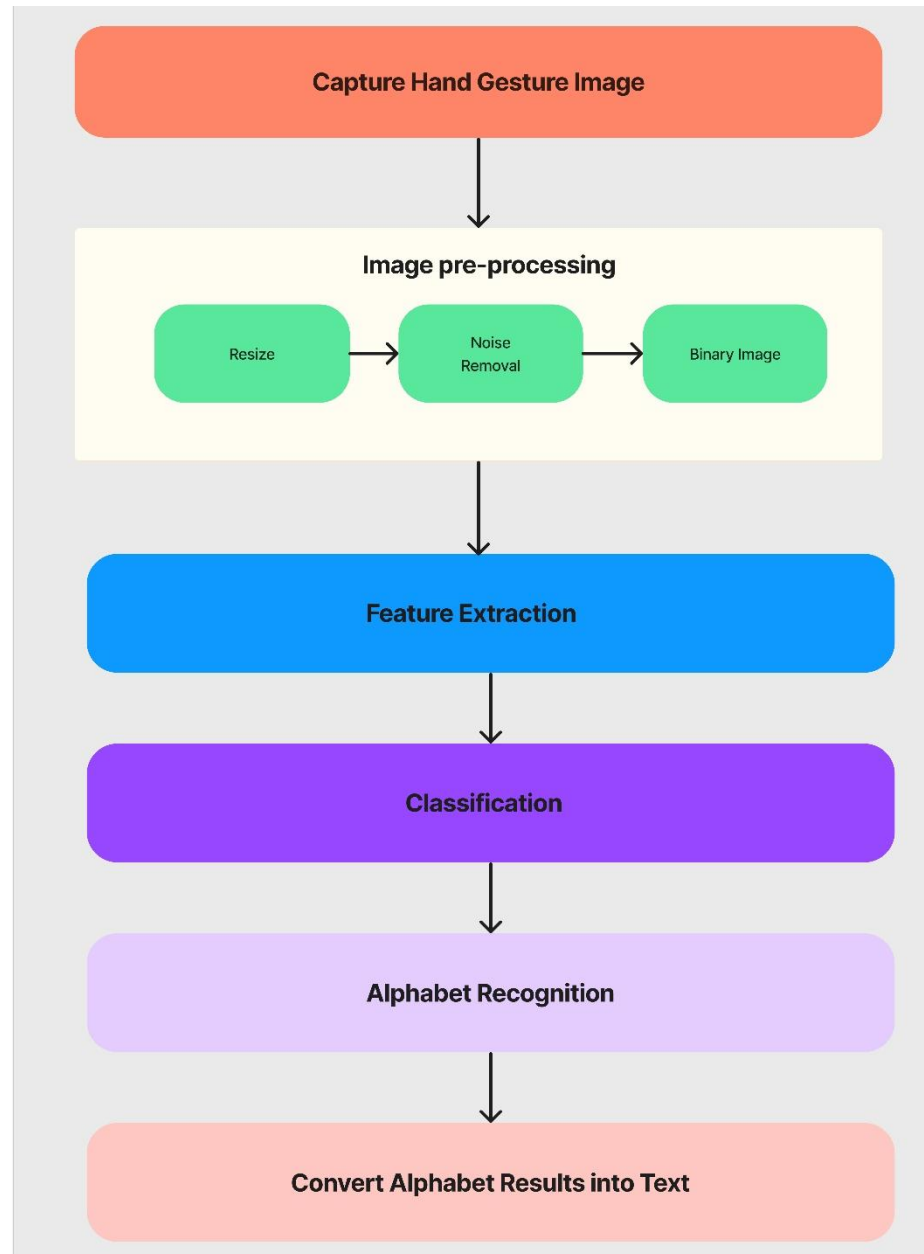


Project Design Phase-II
Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID593039
Project Name	Project - ASL Alphabet Image Recognition
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.



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)	User	USN-1	As a user, I can capture an image of an ASL sign to be recognized.	I can use the camera to take a clear picture of an ASL sign.	High	Sprint-1
		USN-2	As a user, I can receive instant feedback on the recognized ASL letter.	I get a real-time display of the recognized ASL letter after capturing an image.	High	Sprint-1
Administrator		USN-3	As an Administrator, I can monitor the overall accuracy of the ASL recognition system.	I can view analytics and statistics on the accuracy of the recognition system.	High	Sprint-2
		USN-4	As an Administrator, I can update the ASL recognition model.	I can upload a new model and deploy it to the recognition system.	High	Sprint-3
Developer		USN-5	As a Developer, I can integrate the ASL recognition API into the mobile application.	The ASL recognition API can be easily integrated into the mobile app's camera feature.	High	Sprint-2
		USN-6	As a Developer, I can receive API documentation for the ASL recognition service.	Comprehensive documentation is provided for integrating and using the ASL recognition API.	Medium	Sprint-1
		USN-7	As a Developer, I can access a sandbox environment for testing the ASL recognition API.	A sandbox environment allows developers to test API calls without affecting the production system.	Low	Sprint-1