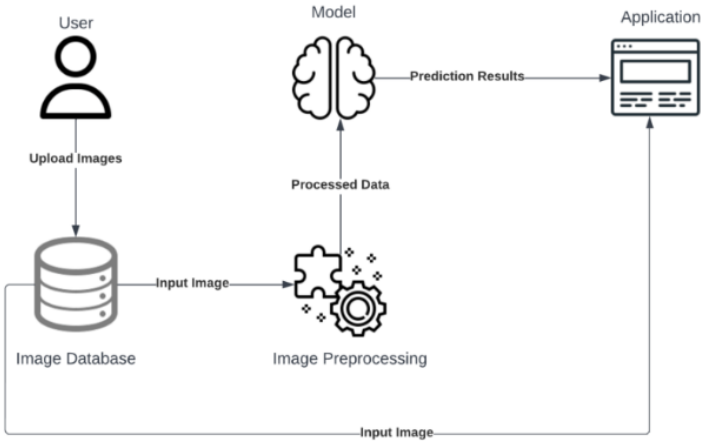
Project Design Phase-II
Data Flow Diagram & User Stories

Date	03 November 2022
Team ID	PNT2022TMID20912
Project Name	A Novel Method for Handwritten Digit Recognition System
Maximum Marks	4 Marks

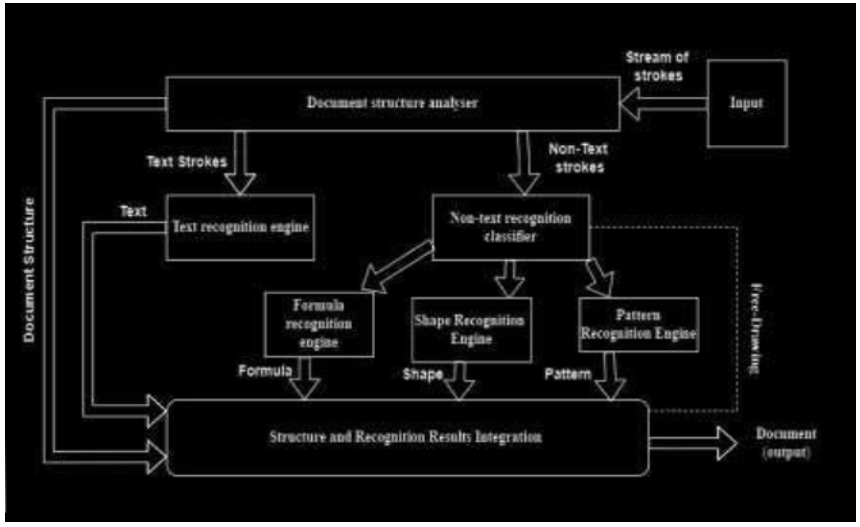
Data Flow Diagrams:

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.

Simplified:



DFD Level 0:



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)	Home	USN-1	As a user, I can view the guide and awareness to use this application.	I can view the awareness to use this application and its limitations.	Low	Sprint-1
		USN-2	As a user, I'm allowed to view the guided video to use the interface of this application.	I can gain knowledge to use this application by a practical method.	Low	Sprint-1
		USN-3	As a user, I can read the instructions to use this application.	I can read instructions also to use it in a user-friendly method.	Low	Sprint-2
	Recognize	USN-4	As a user, I can log into the application by entering my email & password	I can log in to the application	Medium	Sprint-3
		USN-5	As a user, On this prediction page, I get to choose the image.	I can choose the image from our local system and predict the output.	High	Sprint-3
		USN-6	As a user, I can view the application's home page where I can read the instructions to use this application.	I can read instructions also and the home page is user-friendly.	Low	Sprint-1
		USN-7	As a user, I'm Allowed to upload and choose the image to be uploaded.	I can upload and choose the image from the system storage and any virtual storage.	High	Sprint-3
	Predict	USN-8	As a user, I will train and test the input to get the maximum accuracy of output.	I can able to train and test the application until it gets maximum accuracy the result.	High	Sprint-4
		USN-9	As a user, I can access the MNIST data set	I can access the MNIST data set to produce the accurate result.	Medium	Sprint-3
Customer (Web user)	Accessibility	USN-10	As a user, I can use the web application virtually anywhere	I can use the application on any device with a browser	Medium	Sprint-4