Project Design Phase-II
Data Flow Diagram & User Stories

| Date	16 October 2022
Team ID	PNT2022TMID18443
Project Name	A Novel Method for HandwrittenDigit 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.

Example: (Simplified) **FLOW**
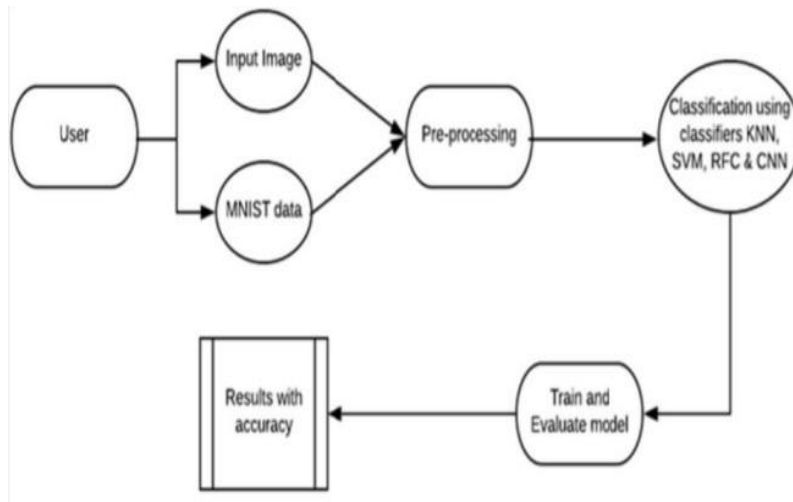
Example: DFD Level 0 (Industry Standard)
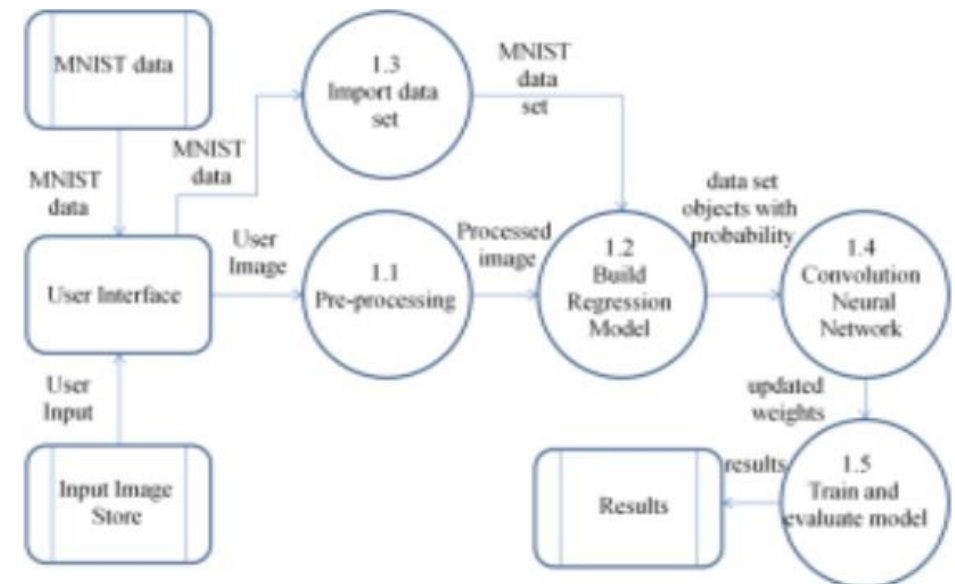
User Stories

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, 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-1
		USN-3	As as user, I can view the guide and awareness to use this application.	I can view the awareness to use this application by a practical method.	Low	Sprint-2
		USN-4	As a user, I can read the instructions to use this application.	I can read instructions to use it in user-friendly method.	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	I can enter the application	High	Sprint-1
	About	USN-6	I can click on the "About " to get the idea of a handwritten digit recognition tool for recognition of digits.	I can get an idea about the project	Low	Sprint-1
Customer (Web user)	Predict	USN-7	As a user I can upload my handwritten digits images to be recognised from the computer.	I can choose any image from my device	High	Sprint-2

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer Care Executive		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 of the result.	High	Sprint-4
Administrator	Launch	USN-9	As a user, I can upload my handwritten digit images to be recognised from the computer.	I can choose and upload the image from the system storage and also in any virtual storage.	Medium	Sprint-3
		USN-10	I can scan one page at once.	I can get the recognised digits from the input given.	High	Sprint-4
	Recognize	USN-11	As a user I can turn on the camera using the input button.	I can get the input to be digitized.	High	Sprint-3
		USN-12	As a user , I can use the web application virtually anywhere.	I can use the application portably anywhere.	High	Sprint-1
		USN-13	As it is open source,i can use it cost freely.	I can use it without any payment to be paid for it to access.	Medium	Sprint-2