

## Project Design Phase-II

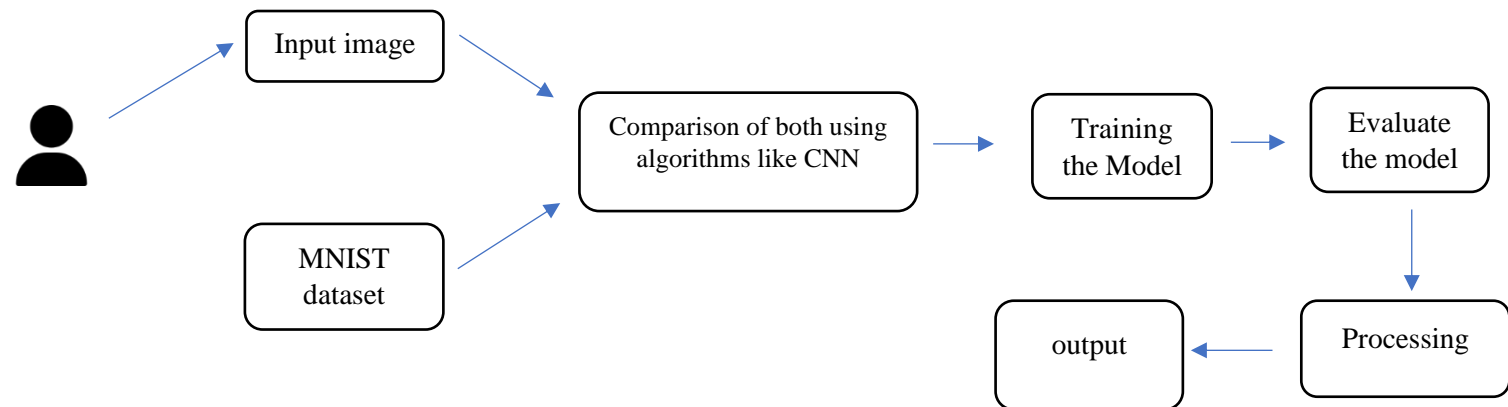
### Data Flow Diagram & User Stories

Date	15 October 2022
Team ID	PNT2022TMID52947
Project Name	Project – A Novel method for Handwritten Digit Recognition
Maximum Marks	4 Marks

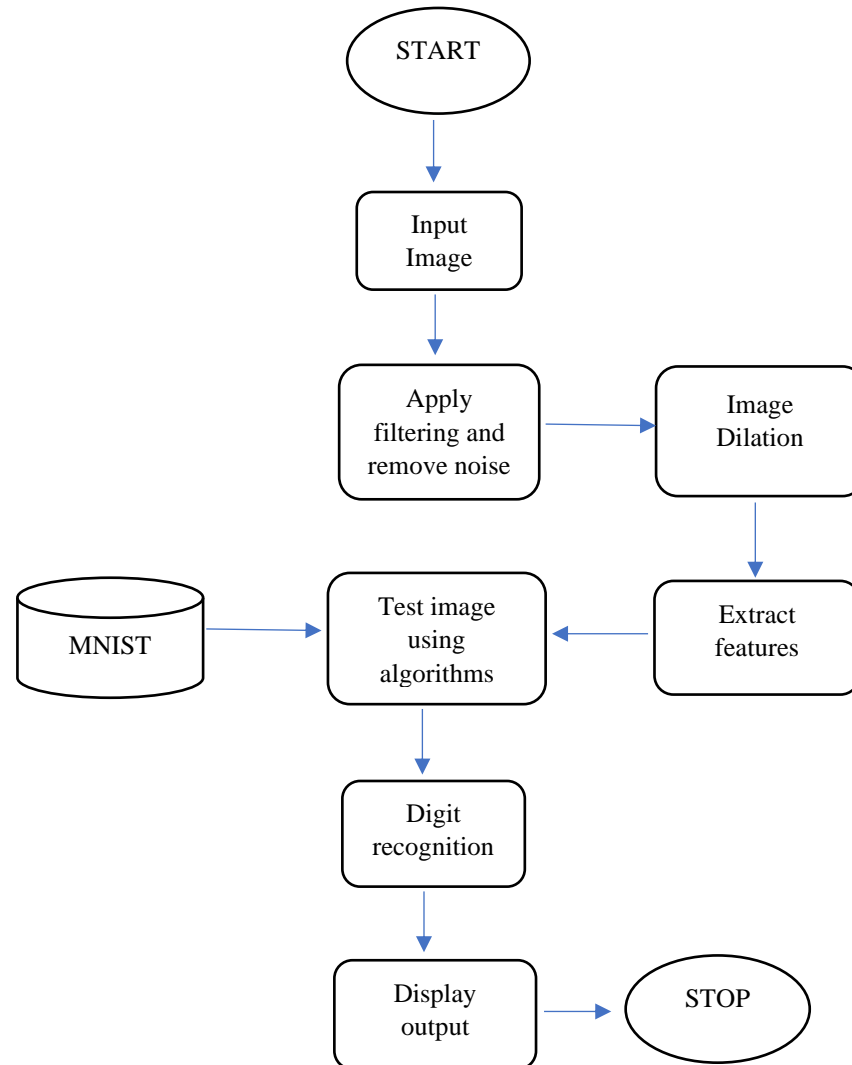
#### Data Flow Diagrams:

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.

#### Simplified diagram:



**DFD Level 0 (Industry Standard):**



**User Stories:**

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 a user, I can register for the application through Phone Number	I can access my account/dashboard	Medium	Sprint-2
	Login	USN-4	As a user, I can log into the application by entering email & password.	I can access my account after successful login.	High	Sprint-1
		USN-5	As a user, I can log into the application by entering phone number and password	I can access my account after successful login.	Medium	Sprint - 2
	Profile	USN-6	As a user, I can give my personal information (like phone number, Name etc.,) in the profile section	I can access my profile from dashboard	High	Sprint - 1
	Upload	USN-7	As a user, I can upload the pictures that contain the digits to be recognised.	The status of the image changes to “uploaded”.	High	Sprint -2
	Result	USN-8	As a user, I can ask the application to recognise the digits in the uploaded picture by clicking on ‘recognise’ button	The resultant digitized character of the uploaded image is displayed.	High	Sprint - 3
Customer Care Executive	Queries	USN-9	As a customer care Executive, I can answer the queries mailed by the users.	The emails are sent to the respective users.	Medium	Sprint - 3
Customer (Web user)	Accessibility	USN-10	As a user, I can use the web application virtually from anywhere.	I can use the application in any device with a browser	Medium	Sprint - 4
	Home	USN-11	As a user, I can use the guide to access the web app.	I can learn to use the web app efficiently	Low	Sprint - 1
Administrator	Security	USN-12	As an administrator, I must make sure the user’s data is safe and secure.	Checking security, making sure customer’s data is secure.	High	Sprint - 4