

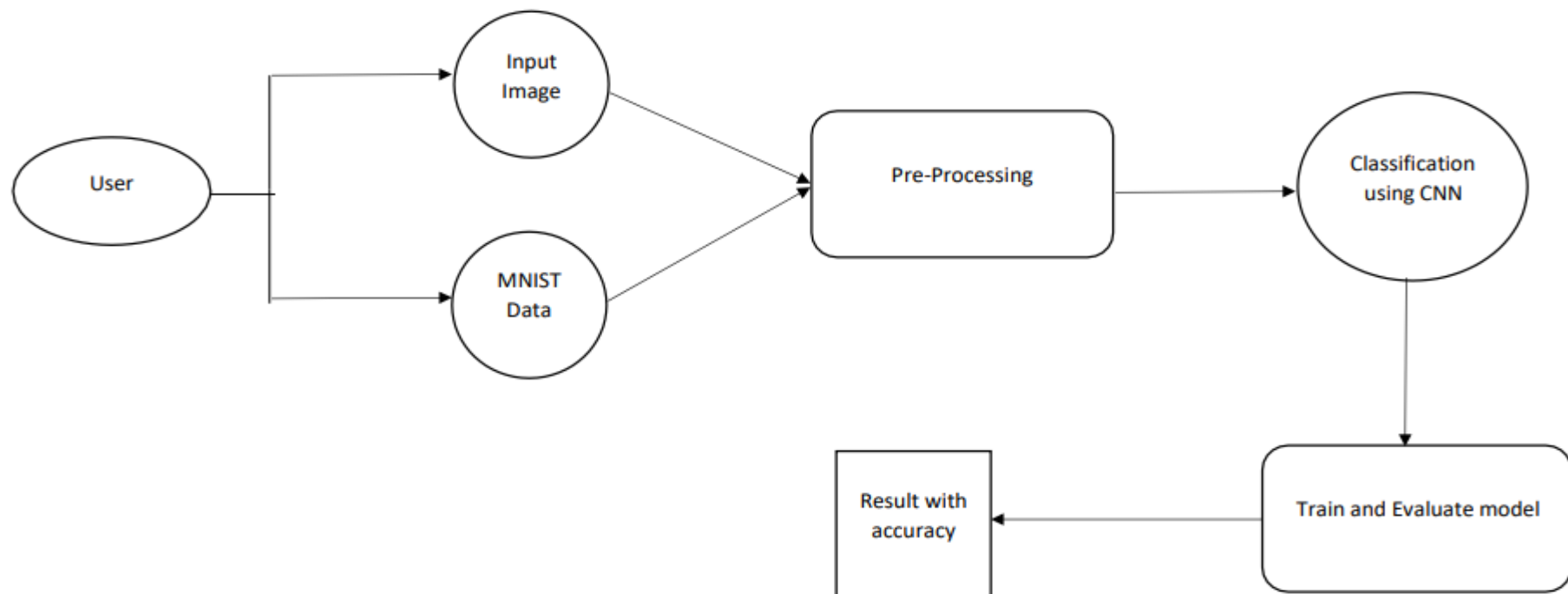
Project Design Phase-II

Data Flow Diagram & User Stories

Date	21 October 2022
Team ID	PNT2022TMID49347
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.



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	Registration	USN-1	As a user, I can register for a unique email id and password.	I can download the registration	High	Sprint-1
		USN-2	As a user, I will receive a confirmation email once I have registered for the application.	I can receive a confirmation email and click confirm.	High	Sprint-1
Customer (Mobile user)	Login	USN-3	As a user, I can sign in to an application.	I can sign in to the application	High	Sprint-1
		USN-4	As a user,I can view the guide and awareness to use this application	I can view the awareness to use this application.	Low	Sprint-2
		USN-5	As a user, I will be given access to the canvas board to draw or write the number	I can access the canvas	High	Sprint-1
		USN-6	As a user, I can change the color of the pen ink.	I can use the canvas pen	Medium	Sprint-2
	About	USN-7	As a user, I can view the instructions and process of the application.	I can view the instructions and process of the application.	Low	Sprint-2
Customer (Web user)	Predict	USN-8	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
	About	USN-9	As a user, I can view the instructions and process of the application.	I can view the instructions and process of the application.	Low	Sprint-2
Administrator	Launch	USN-10	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-11	I can scan one page at once.	I can get the recognised digits from the input given	High	Sprint-4
	Recognize	USN-12	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-13	As a user , I can use the web application virtually anywhere.	I can use the application portably anywhere.	High	Sprint-1
		USN-14	As it is open source,I can use it freely.	I can use it without any payment to be paid for it to access.	Medium	Sprint-2

Customer care executive		USN-15	As a user I will train and test the input to get the maximum accuracy of output	I am able to train and test the application until it gets maximum accuracy of the result.	High	Sprint-4
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