

Project Design Phase-II

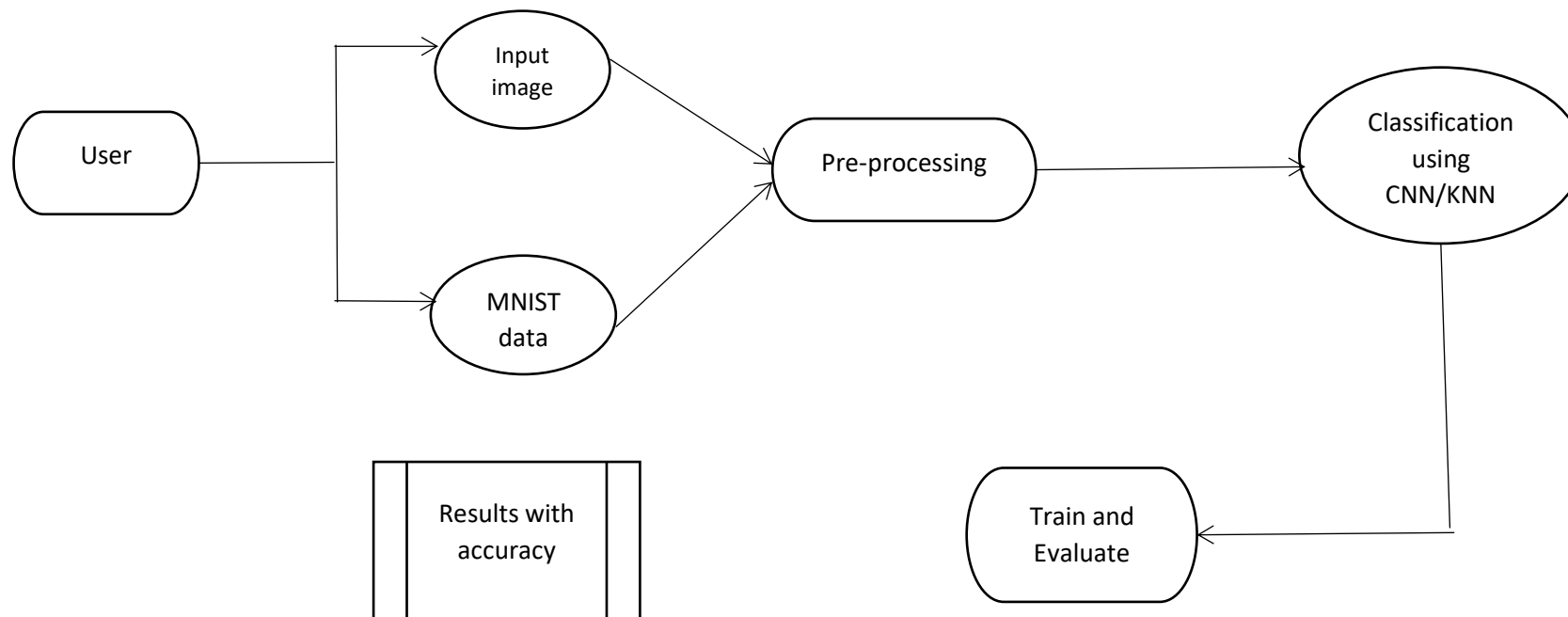
Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID48349
Project Name	A Novel Method For Handwritten Digit Recognition System
Maximum Marks	4 Marks

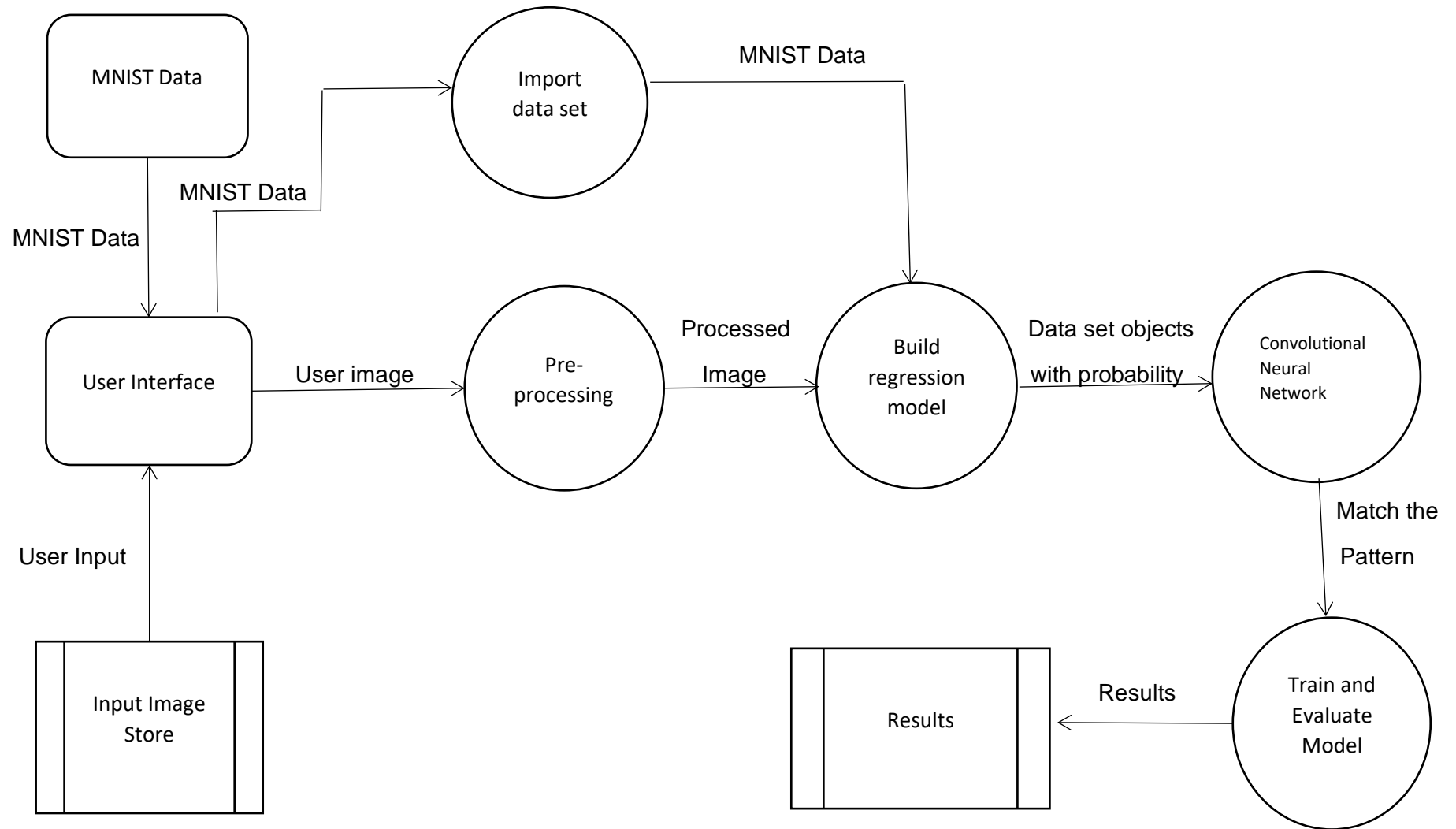
Data Flow Diagrams:

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.

Example: [\(Simplified\)](#)



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)	Home	USN-1	As a user, can sign up to create an account and set password.	I can view the awareness to use this application and it's limitations.	Low	Sprint-1
		USN-2	As a user, I will receive confirmation email once I have registered for the 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, In this prediction page, I scan the image.	I can scan the image from our local system and predict the output.	High	Sprint-2
	Predict	USN-5	As a user, I'm allowed to upload and choose the image to be uploaded in this application.	I can upload and choose the image from the system storage and also in my virtual storage.	Medium	Sprint-3
		USN-6	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
		USN-7	As a user, I can access the MNIST data set.	I can access to produce the result.	Medium	Sprint-3

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
	Recognize	USN-8	As it is an open source, can use it free cost.	I can use it without any payment to be paid for it to access.	Medium	Sprint-2
		USN-9	As a user, I can use the application, virtually anywhere.	I can use the application virtually anywhere.	High	Sprint-1
		USN-10	As it is an application, it is installation free.	I can use it without the installation of any software.	Medium	Sprint-4