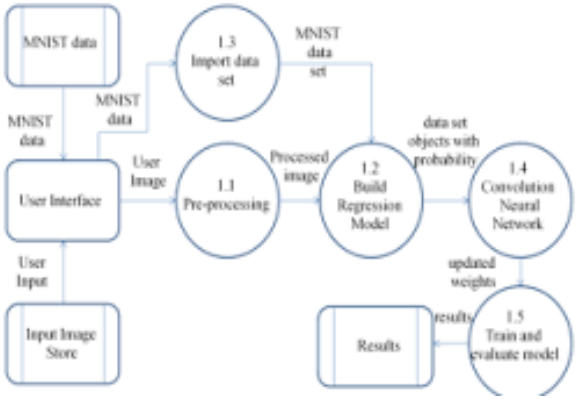
Project Design Phase-II
Data Flow Diagram &User Stories

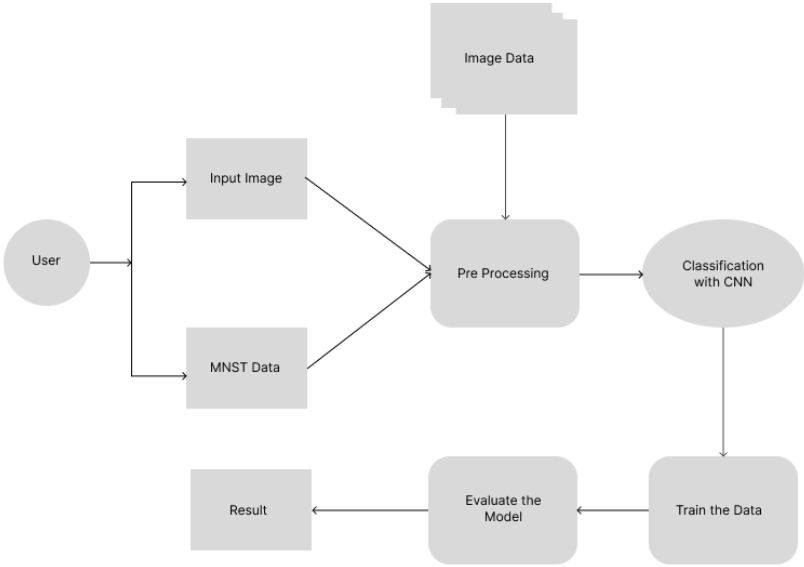
Date	31 October 2022
Team ID	PNT2022TMID41730
Project Name	A Novel Method for Handwritten Digit Recognition System
Maximum Marks	4 Marks

Data Flow Diagrams:



DFD-0 Level

Simplified View



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 (Web based application)	Registration	USN-1	User can Register the Application by entering Email Id, Password.	If the Email id is existed	High	Sprint-1
		USN-2	After that the user will receive a confirmation email to confirm and verify the registration.	On Mail a confirmation button is visible to confirm the user.	High	Sprint-1
		USN-3	As the user has also given other options for registration like Gmail or Github.	To login directly to account.	Low	Sprint-1
	Dashboard	USN-4	The Dashboard will provide with the option to upload the image to be predicted and for training the datasets.	If the image is not blank or must contain at least a Digit to be identified.	High	Sprint-2
	Upload Image	USN-5	Import an image to be analyzed from the localhost /cloud.	If the image is given in a suitable format.	High	Sprint-2
	Prediction	USN-6	To predict the given image it must be trained with the MNIST data.	All the suitable data should be given.	Medium	Sprint-3
	Train and Test	USN-7	The User should first train the given image with the MNIST datsets and then test the dataset.	The user should be able to get the accuracy.	High	Sprint-4
		USN-8	After the Testing the data the accurate result should be produced.	The Digit should be recognized and the prediction should ne correct.	High	Sprint-4