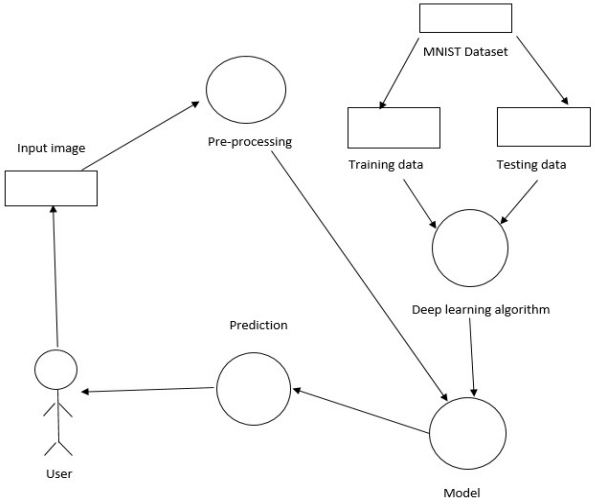
Project Design Phase-II

Data Flow Diagram & User Stories

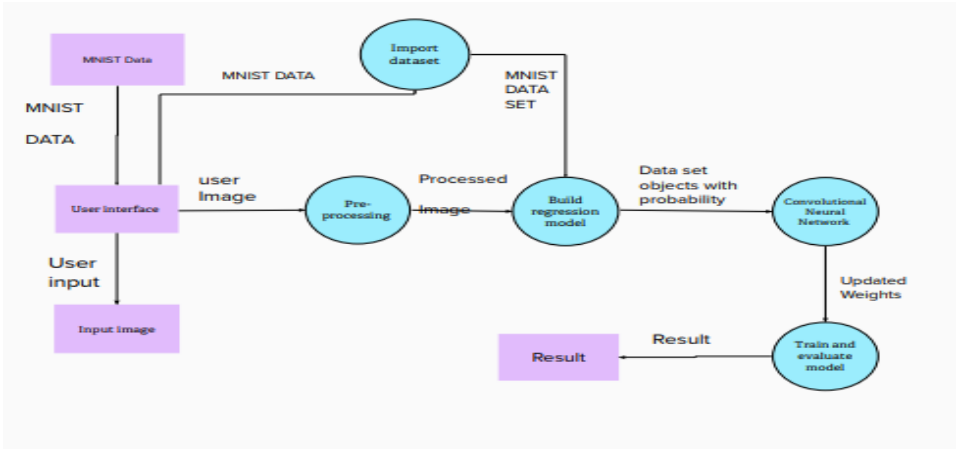
Date	16 October 2022
Team ID	PNT2022TMID39323
Project Name	Project - A Novel Method For Handwritten Digit Recognition System
Maximum Marks	4 Marks

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) 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)	Home	USN-1	As a user, I can access the instruction in the home page and read the instruction.	I can access my instruction and registration page	Low	Sprint-1
	Registration	USN-2	As a user, I can register for the website by entering my email, password, and conforming my password.	I can able to register as a new user.	High	Sprint-1
	Login	USN-3	As a user, I can login into the application by entering email & password.	I can access my dashboard by login	High	Sprint-2
	Upload Image	USN-4	As, a user, I can upload a handwritten digit image into the website.	I can upload the handwritten digit image	High	Sprint-3
	Prediction	USN-5	The inbuilt model try to predict the digits present in the image	I can get the result in two types either it a voice mode or a text mode with good accuracy.	High	Sprint-3
	Result in a voice mode	USN-6	As a user, If I want the result in the voice mode I can get the result in the voice mode	I can get the result in voice mode	Medium	Sprint-4
	Result in a view mode	USN-7	As a user, I can get result in a text mode.	I can see the predicted result in my interface.	High	Sprint-4
Customer (Web user)	Home	USN-8	As a user, I can access the instruction in the home page and read the instruction.	I can access my instruction and registration page	Low	Sprint-1
	Registration	USN-9	As a user, I can register for the website by entering my email, password, and conforming my password.	I can able to register as a new user.	High	Sprint-1
	Login	USN-10	As a user, I can login into the website by entering email & password	I can access my website by login	High	Sprint-2
	Upload Image	USN-11	As a user, I can upload a handwritten digit image in to the website.	I can upload the handwritten image	High	Sprint-3

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
	Prediction	USN-12	The inbuilt model try to predict the digits present in the image.	I can get the result in two types either it a voice mode or a text mode with good accuracy.	High	Sprint-3
	Result in a voice mode	USN-13	As a user, If I want the result in the voice mode I can get the result in the voice mode	I can get the result in voice mode	Medium	Sprint-4
	Result in a view mode	USN-14	As a user, I can get result in a text mode	I can see the predicted result in my interface	High	Sprint-4