Project Design Phase-II
Data Flow Diagram & User Stories

| Date	03 October 2022
Team ID	PNT2022TMID17749
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)
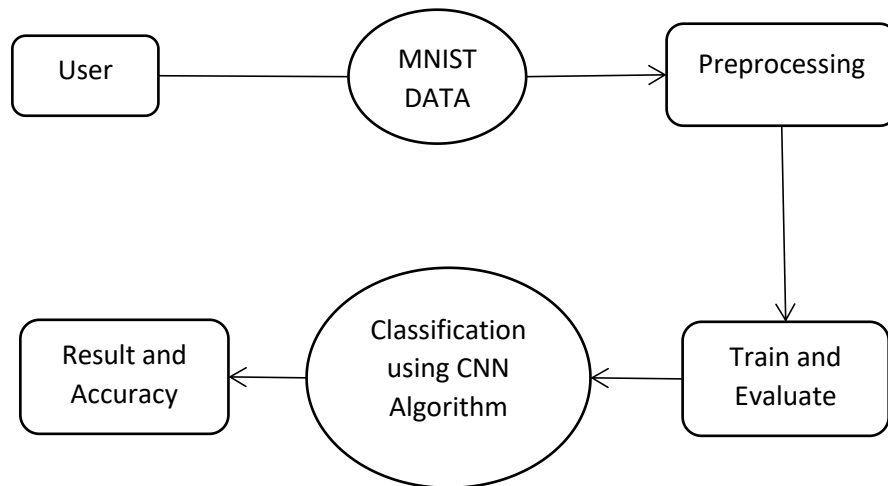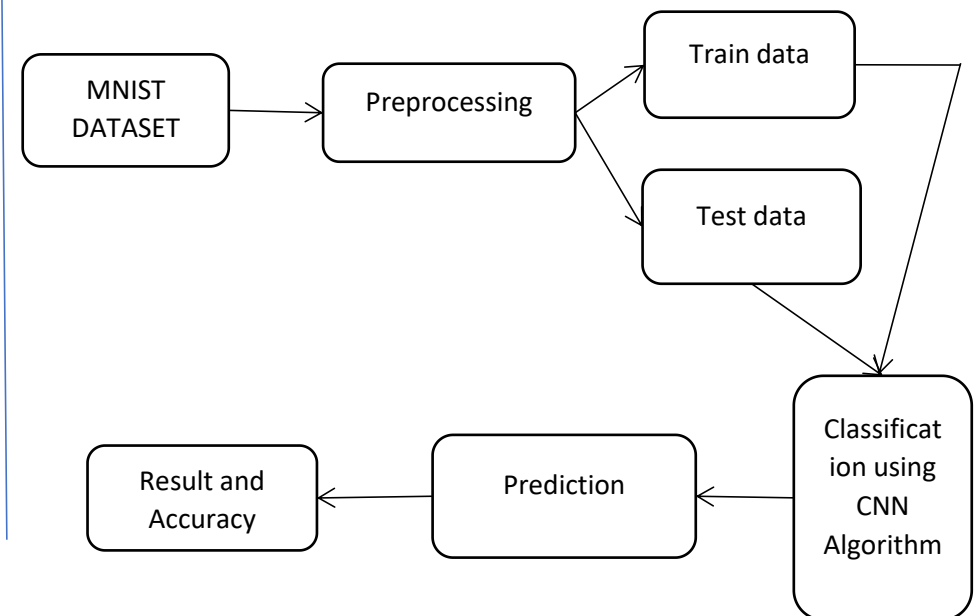
User Stories

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 aware to use this application and view the guide.	I can aware to use this application and it's limitation.	Low	Sprint-1
		USN-2	As a user, I can use the interface of the application which is allowed to view the guided image.	I can gain knowledge by practical method to use this application.	Low	Sprint-1
		USN-3	As a user, I can use this application by reading the instructions.	I can used in a user-friendly method by reading instructions.	Low	Sprint-2
	Recognize	USN-4	As a user, I can choose the image in this prediction page.	I can predict the output by choosing the image from our local system.	High	Sprint-2
	predict	USN-5	As a user, I'm Allowed to upload the image.	I can upload and choose the image from the system storage and also in any virtual storage.	Medium	Sprint-3
		USN-6	As a user, I can get the maximum accuracy of the output by training and testing the input.	I can able to train and test application to get accurate	High	Sprint-4

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
				result.		
		USN-7	As a user, I can access the MNIST data set.	I can access MNIST data set it will produce accurate result.	Medium	Sprint-3
Customer (Web user)	Home	USN-8	As a user, I can use the web app by viewing the guide.	I can view the limitation of this application.	Low	Sprint-1
Customer (Mobile user)		USN-1	As a user, I can aware to use this application and view the guide.	I can aware to use this application and it's limitation.	Low	Sprint-1
		USN-2	As a user, I can use the interface of the application which is allowed to view the guided image.	I can gain knowledge by practical method to use this application.	Low	Sprint-1
		USN-3	As a user, I can use this application by reading the instructions.	I can used in a user-friendly method by reading instructions.	Low	Sprint-2
	Recognize	USN-9	As a user, I can use the web application virtually anywhere.	I can use the application Anywhere portably.	High	Sprint-1
		USN-10	As it is an op[en source, I can use it cost freely.	I can use it without any payment to access.	Medium	Sprint-2
		USN-11	As it is a web application, it is installation free.	I can use it without the installation of the Application.	Medium	Sprint-4
	Predict	USN-12	As a user, I'm Allowed to upload and choose the image.	I can upload and choose the image from the system storage and also in any virtual storage.	Medium	Sprint-3