

## Project Design Phase-II

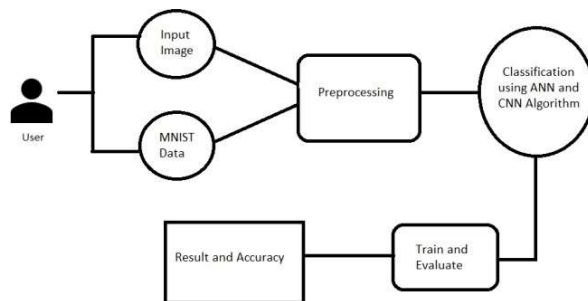
### Data Flow Diagram & User Stories

Date	01 November 2022
Team ID	PNT2022TMID05025
Project Name	A Novel Method for Handwritten Digit Recognition System
Maximum Marks	4 Marks

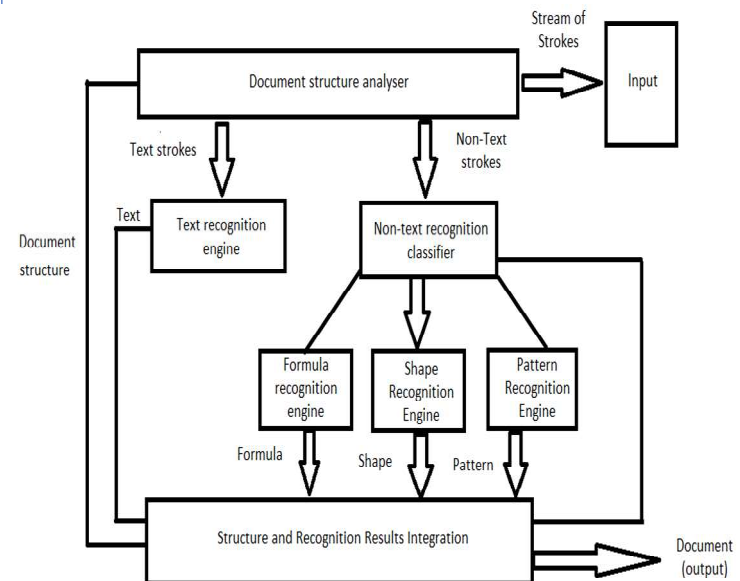
#### Data Flow Diagrams:

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 StoryNumber	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Home	USN-1	I can view the user manual and am aware of how to use this application.	I can see the limitations of this software and the awareness of how to use it.	Low	Sprint-1
		USN-2	I'm authorized to watch the instructional film to learn how to utilize this application's interface as a user.	I can learn how to use this application through a hands-on approach.	Low	Sprint-1
		USN-3	I am able to understand the directions for using this application as a user.	I am able to read the directions and utilize it according to them.	Low	Sprint-2
	Recognize	USN-4	I get to select the image on this prediction page as a user.	I am able to select an image from our local system and forecast the results.	High	Sprint-2
	Predict	USN-6	I am permitted to upload and pick the image that will be submitted as a user.	From the system storage as well as any virtual storage, I may	Medium	Sprint-3

				upload and select an image.		
		USN-7	I will train and evaluate the input as a user to ensure the output is as accurate as possible.	I am able to test and train the application till the results are as accurate as possible.	High	Sprint-4
		USN-8	I have access to the MNIST data collection as a user.	To produce the precise output, I may access the MNIST data set.	Medium	Sprint-3
Customer (Web user)	Home	USN-9	I may see the web app's user manual as a user.	I can see that you are aware of this application's restrictions.	Low	Sprint-1

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Home	USN-1	I can view the user manual and am aware of how to use this application.	I can see the limitations of this software and the awareness of how to use it.	Low	Sprint-1
		USN-2	I'm authorized to watch the instructional film to learn how to utilize this	I can learn how to use this application through a hands-on approach.	Low	Sprint-1

			application's interface as a user.			
		USN-3	I am able to understand the directions for using this application as a user.	I am able to read the directions and utilize it according to them.	Low	Sprint-2
	Recognize	USN-10	I can utilize the online application almost anywhere as a user.	The application is portable, so I can use it anywhere.	High	Sprint-1
		USN-11	Since it is an open source, anyone can use it for nothing.	I don't have to pay anything to use it, therefore I can utilize it.	Medium	Sprint-2
		USN-12	Given that it is open source, using it is free. It is free to install because it is an online application.	I don't need to install any software or an application to use it.	Medium	Sprint-4
	Predict	USN-13	I am permitted to upload and pick the image that will be submitted as a user.	From the system storage as well as any virtual storage, I may upload and select an image.	Medium	Sprint-3