PROJECT DESIGN PHASE - 2
DATA FLOW DIAGRAM AND USER STORIES

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PROJECT NAME	A NOVEL METHOD FOR HANDWRITTEN DIGIT RECOGNITION SYSTEM
MAXIMUM MARKS	4 MARKS

DATA FLOW DIAGRAM :

A data flow diagram (DFD) is a graphical or visual representation using a standardized set of symbols and notations to describe a business's operations through data movement . They are often elements of a formal methodology such as Structured Systems Analysis and Design Method (SSADM). Superficially, DFDs can resemble flow charts or Unified Modeling Language (UML), but they are not meant to represent details of software logic.

SIMPLIFIED DIAGRAM :

| Handwritten Digit Dataset | Feature Exataction Contrast extraction Classification | Combination Of Predictions | Final Class Label |
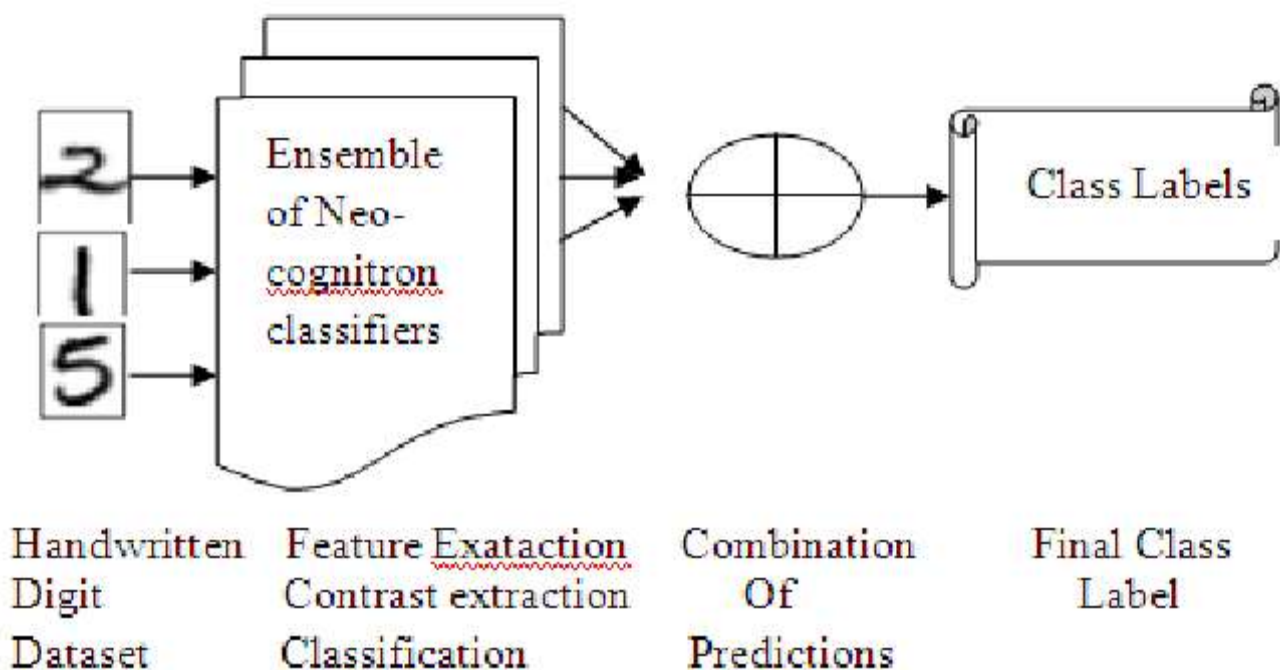
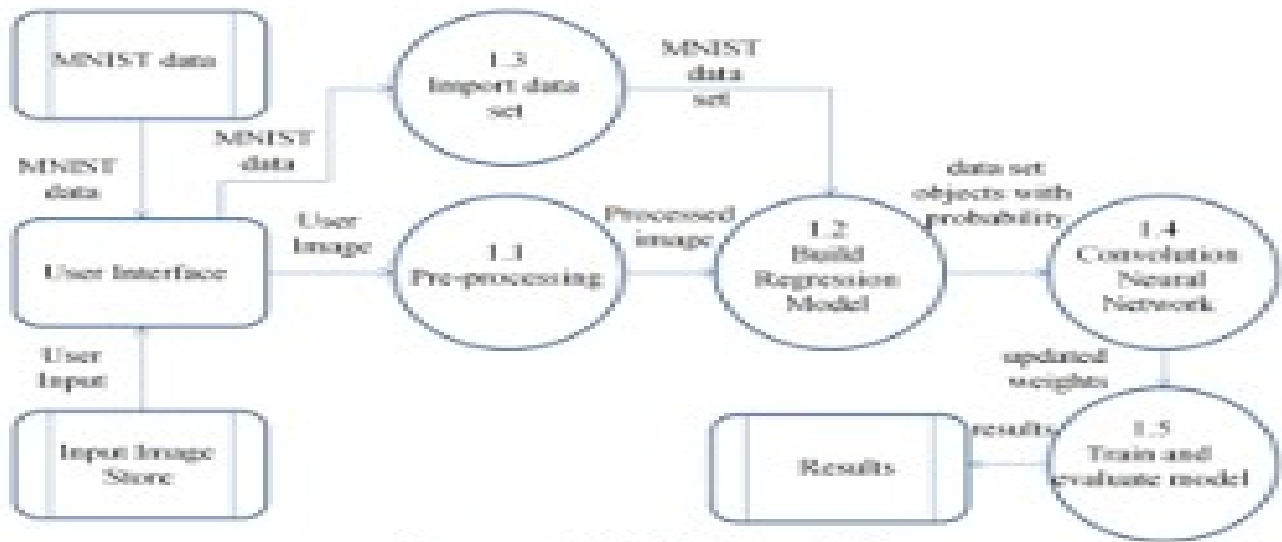# EXAMPLE :   DFD LEVEL 1 (INDUSTRY STANDARD)

Figure 3 DFD level-1

USER STORIES :

User type	Functional requirement (epic)	User Story Number	User Story/task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1
		USN-3	As a user, I can register for the	I can register & access the	Low	Sprint-2

			application through Facebook	dashboard with Facebook Login		
		USN-4	As a user, I can register for the application through Gmail		Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password		High	Sprint-1
	Dashboard	USN-1	As a user,I can see my dashboard and go through the functions provided by the system	I can access my dashboard	High	Sprint-1
Customer (Web user)	Registration		As a user, I can register for my account through web and login to my web page.			
Customer Care Executive	Login	USN-1	Make a call to the customer care executive and rectify the queries.	Help the user how to access the system.	High	Sprint-1
Administrat or	User account Control	USN-1	Responsible for carrying out the administrati on process.	Manage the total team	High	Sprint-1