

DATA FLOW DIAGRAM AND USER STORIES

TEAM ID : PNT2022TMID394530

COLLEGE NAME : ANNAMALAIAR COLLEGE OF ENGINEERING

DEPARTMENT : BE (COMPUTER SCIENCE & ENGINEERING)

PROJECT TITLE :AI BASED NUTRITION ANALYSER FOR
FITNESS ENTHUSIASTIC

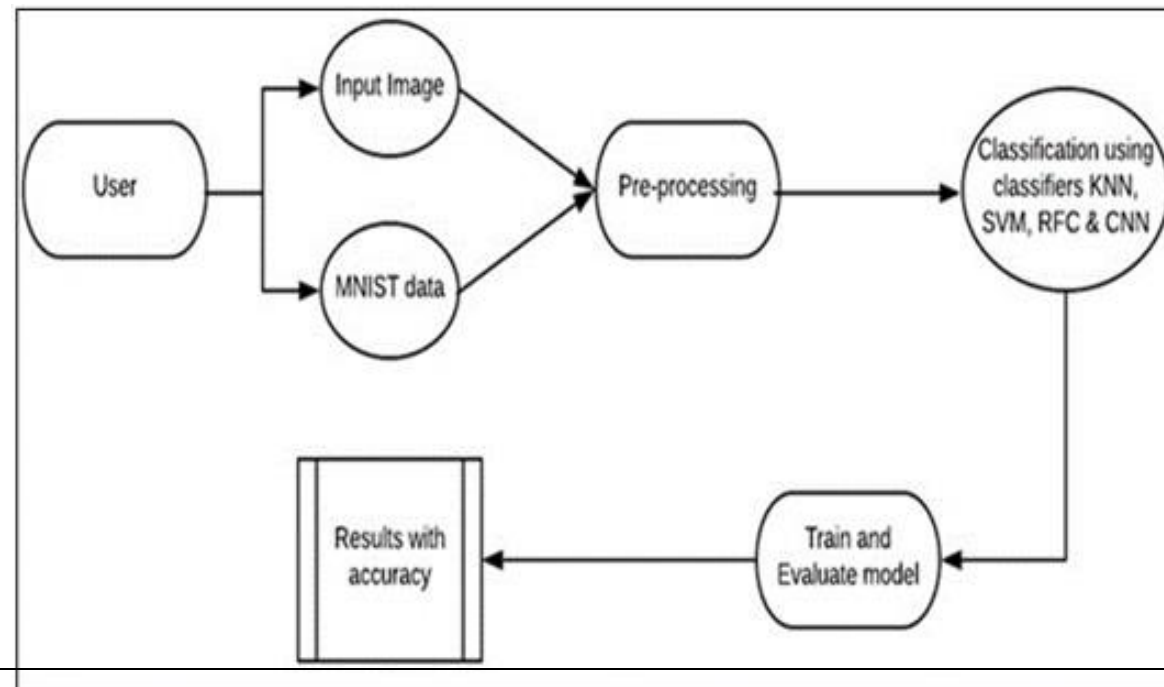
Project Design Phase-II Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID39460
Project Name	Project – A NOVEL METHOD FOR HANDWRITTEN DIGIT RECOGNITION SYSTEM
Maximum Marks	4 Marks

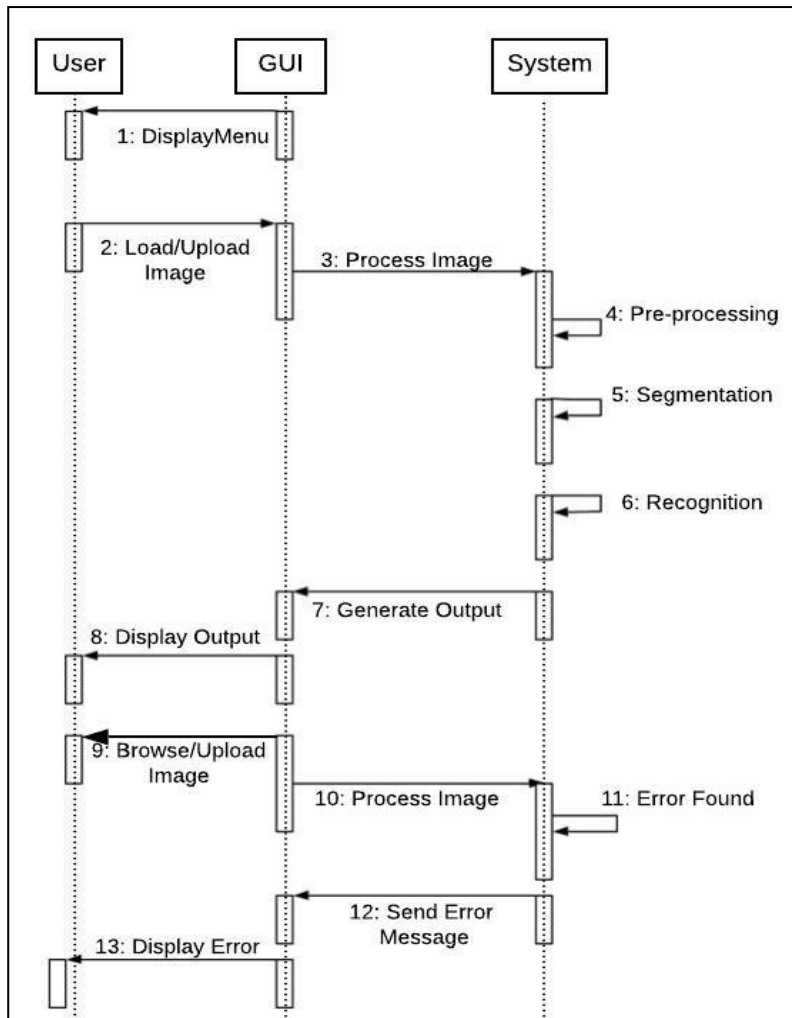
Data Flow Diagrams:

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.

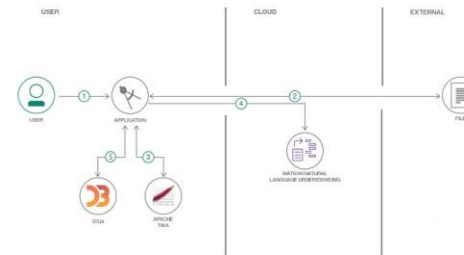
Example: DFD Level 0 (Industry Standard)
Dataflow Diagram of the system model



Sequence Diagram of the System

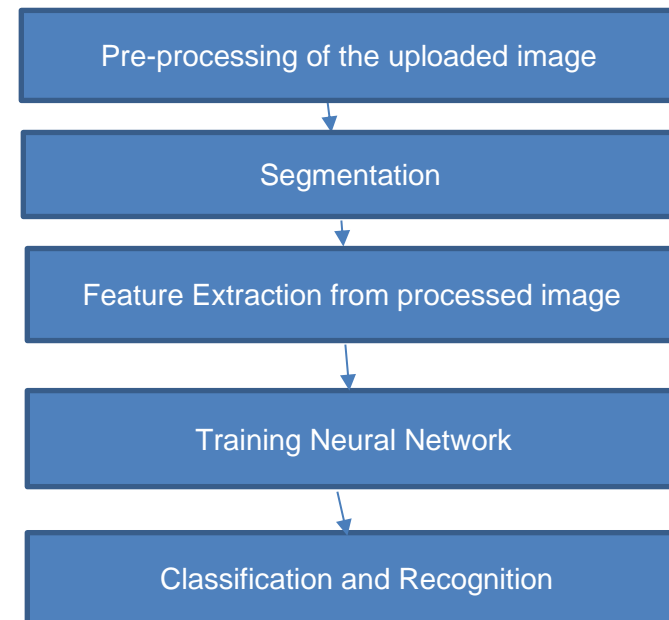


Flow



1. User configures credentials for the Watson Natural Language Understanding service and starts the app.
2. User selects data file to process and load.
3. Apache Tika extracts text from the data file.
4. Extracted text is passed to Watson NLU for enrichment.
5. Enriched data is visualized in the UI using the D3.js library.

DATA FLOW BOCKDIAGRAM



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)	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 application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2
		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-6	As a Visual representation of any data that impacts Customer experience, loyalty, or customer retention		Medium	
Customer (Web user)	Profile	USN-7	Accounts empower users to access exclusive offer Contribute to a community of fellow customer, reach out to customers support, and receive	A user cannot submit a form without completing all the mandatory fields	High	Sprint-2
Customer Care Executive	Duties and Skills	USN-8	A Customer care executive is a professional responsible for communicating the how's and why's regarding service expectations within a company	Lists of condition that a software product must meet to be accepted by a user customer, or other systems	High	Sprint-2
Administrator	Authorization levels	USN-9	The goal is describe inputs, behaviors and outputs FRD is a formal statement of an Application's functional requirements	Excellence, Impact and Implementation	High	Sprint-1
	Administrative Functions	USN-10	Functions that Developers must implement to enable users to accomplish their tasks	Ac are the conditions that a software product must meet to be accepted by a user, a customer , or other system	Medium	Sprint-1