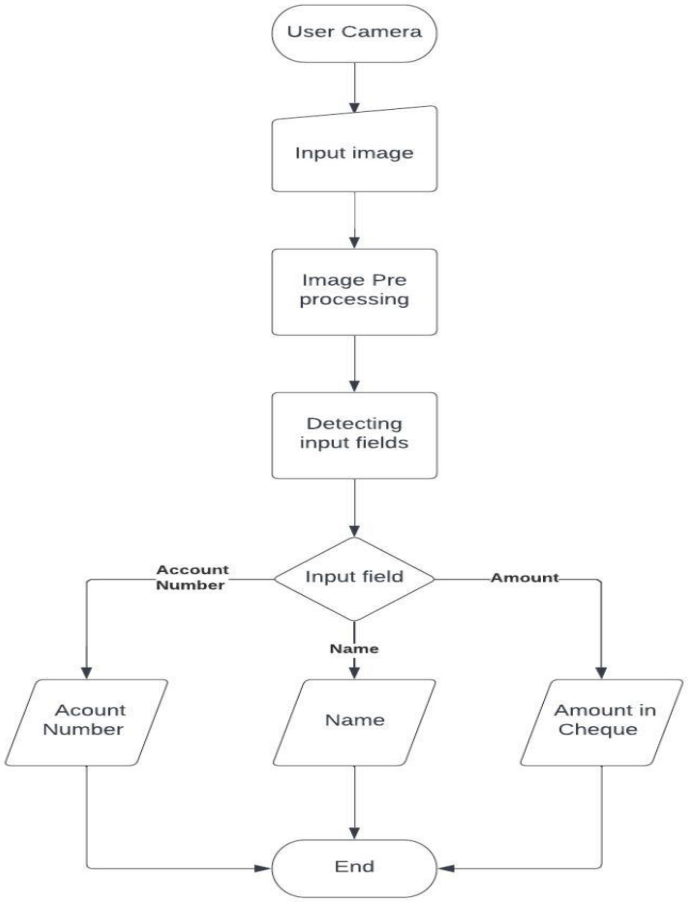
Project Design Phase-II
Data Flow Diagram & User Stories

Date	15 October 2022
Team ID	PNT2022TMID07719
Project Name	A Novel Method for Handwritten Digit Recognition System
Maximum Marks	4 Marks

Flow Diagram



User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Web User)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password	User must enter valid email-id and mobile number.	Medium	Sprint-1
	Login	USN-2	As a user, I can log into the application by entering email & password	Must use valid user-id and password.	Medium	Sprint-1
	Image Scanning	USN-3	As a user, I'm allowed to capture images using the webcam.	Only the clear images shall be uploaded for processing.	Medium	Sprint-4
	Image Uploading	USN-4	As a user, I am allowed to upload the images from the local file storage	The image should be of the specified format and size.	High	Sprint-4
	Copy Processed Details	USN-5	As a user, I can copy the processed details of the uploaded cheque	-	Medium	Sprint-3
	Previous Cheque Details	USN-6	As a user, I can access the cheques that have been previously processed for reference.	-	Low	Sprint-3
Developer	Dataset Collection, Pre-processing, Training & saving the model	USN-7	In order to train the model, we have to collect and pre-process the data set. After pre-processing, we can train and save the model.	Model with higher accuracy is saved and used for prediction	High	Sprint-2
	Integrating the model with Flask API, database creation	USN-8	The image given by the user is processed and given to the model for prediction and the results are sent back to the user	-	Medium	Sprint-3