

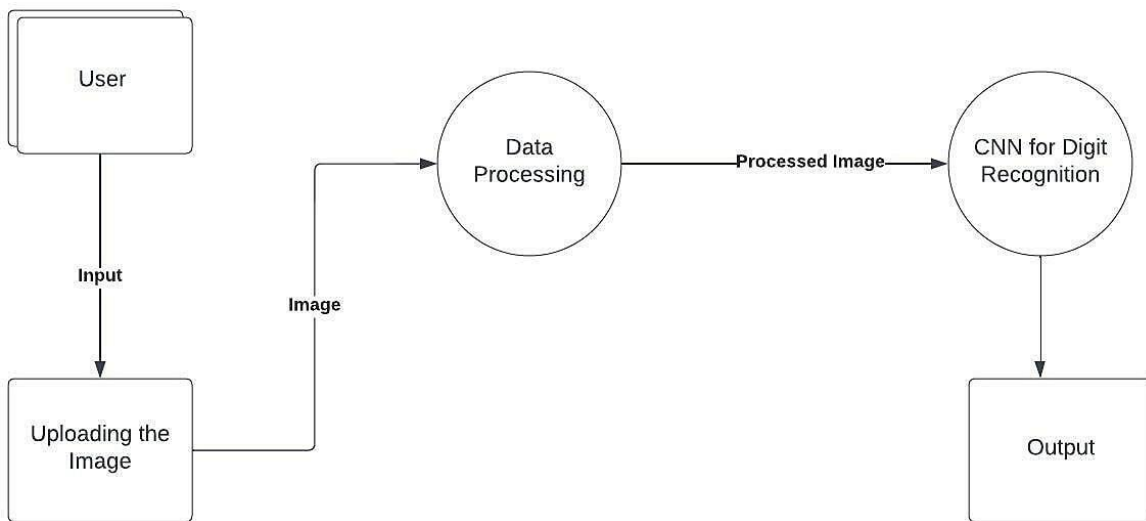
## PHASE- 2

### 1. PROJECT DESIGN

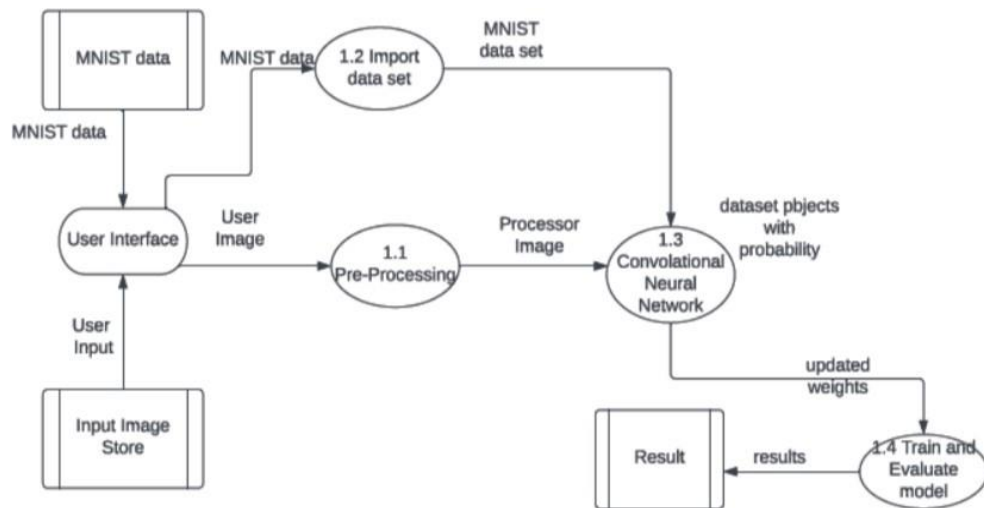
#### 5.1 Data Flow Diagram

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.

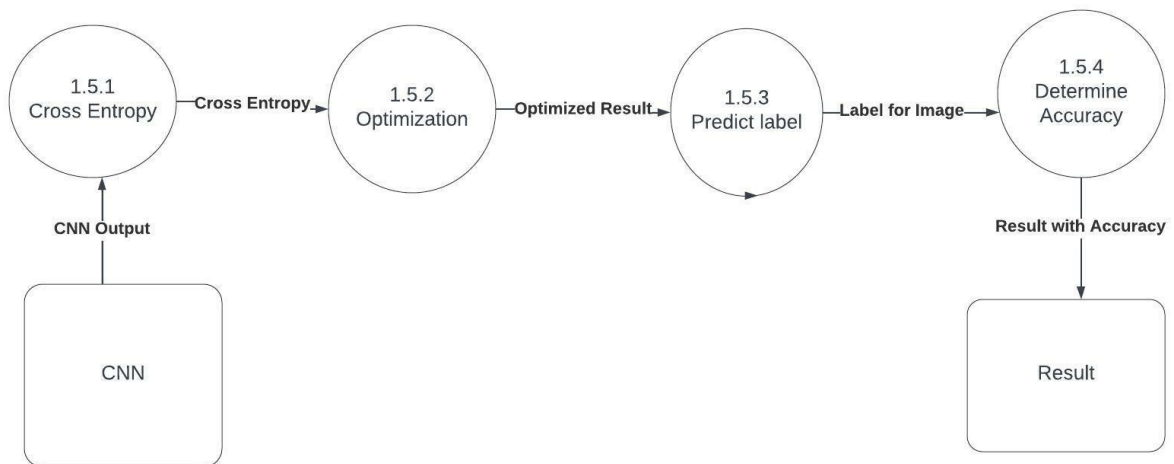
##### Level 0:



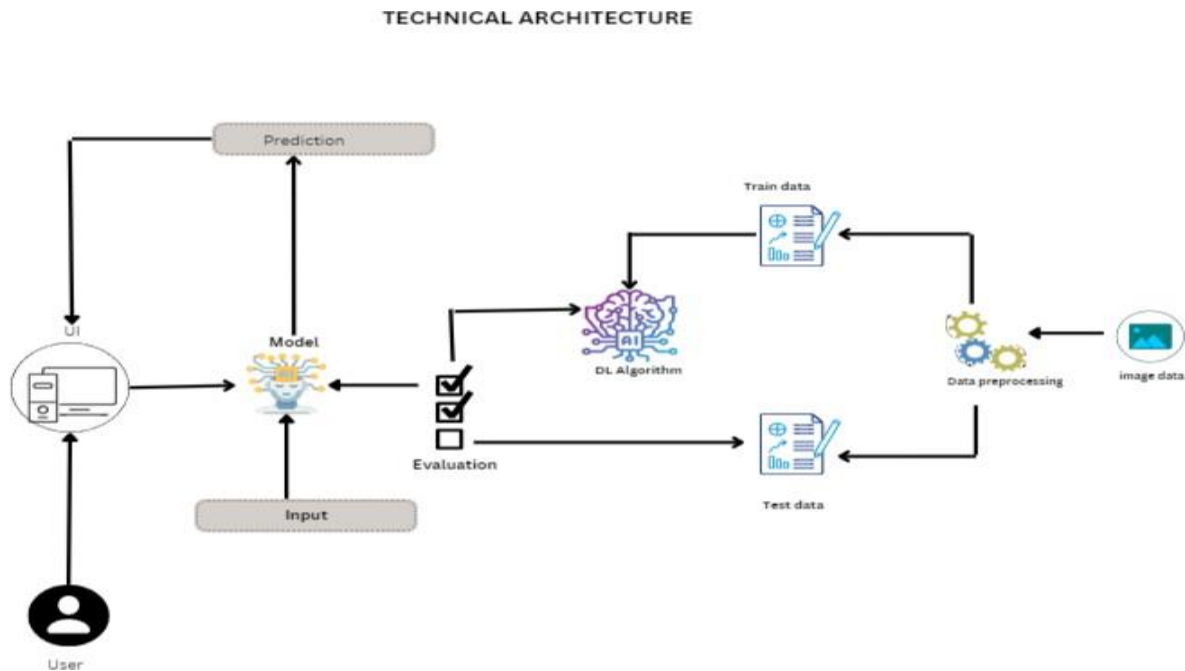
## Level 1:



## Level 2:



## 5.2 Solution & Technical Architecture



## 5.3 User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Web user)	Front Page	USN-1	As a user, I can view the front page of the website where the description of the website is available	I can access my front page of the website	High	Sprint-1
	Choosing the Image	USN-2	As a user, I can choose the image from the local system	I can upload the image	High	Sprint-1
	Recognize the Image	USN-3	As a user, I can get message after validating the image	I can get a message	Low	Sprint-2
		USN-4	As a user, I can get the recognized digits	I can view digitized results	High	Sprint-3

## 2. PROJECT PLANNING AND SCHEDULING

### 6.1 Sprint Planning and Estimation

<b>Sprint</b>	<b>Functional Requirement (Epic)</b>	<b>User Story Number</b>	<b>User Story / Task</b>	<b>Story Points</b>	<b>Priority</b>	<b>Team Members</b>
Sprint-1	Front Page	USN-1	As a user, I can view the front page of the website where the description of the website is available	2	High	Anisha Shahini D and Maliga Fathima Rowfina S
Sprint-2	Uploading the Image	USN-2	As a user, I can choose the image from the local system	2	Low	Maria RexlineR and Jeba Salomi D
Sprint-3	Data Augmentation	USN-3	As a developer, the image dataset must be augmented.	1	High	Anisha Shahini D and Maria Rexline R.
Sprint-3	Classification of CNN model	USN-4	As a developer, model must be classified	3	High	Jeba Salomi D, Maliga Fathima Rowfina S and Anisha Shahini D and Maria Rexline R.
Sprint-3	Compiling the model	USN-5	As a developer, a model must be compiled and fitted	3	High	Maliga Fathima Rowfina, S, and Jeba Salomi D
Sprint-4	Recognized output	USN-3	As a user, I can get the recognized digits.	2	High	Jeba Salomi D, Maliga Fathima Rowfina S, Maria Rexline R, Anisha Shahini D

## 6.2 Sprint Delivery Schedule

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint EndDate (Planned)</b>	<b>Story Points Completed (as on Planned End Date)</b>	<b>Sprint Release Date (Actual)</b>
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	12	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	12	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	12	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	12	19 Nov 2022

## 6.3 Reports from JIRA

