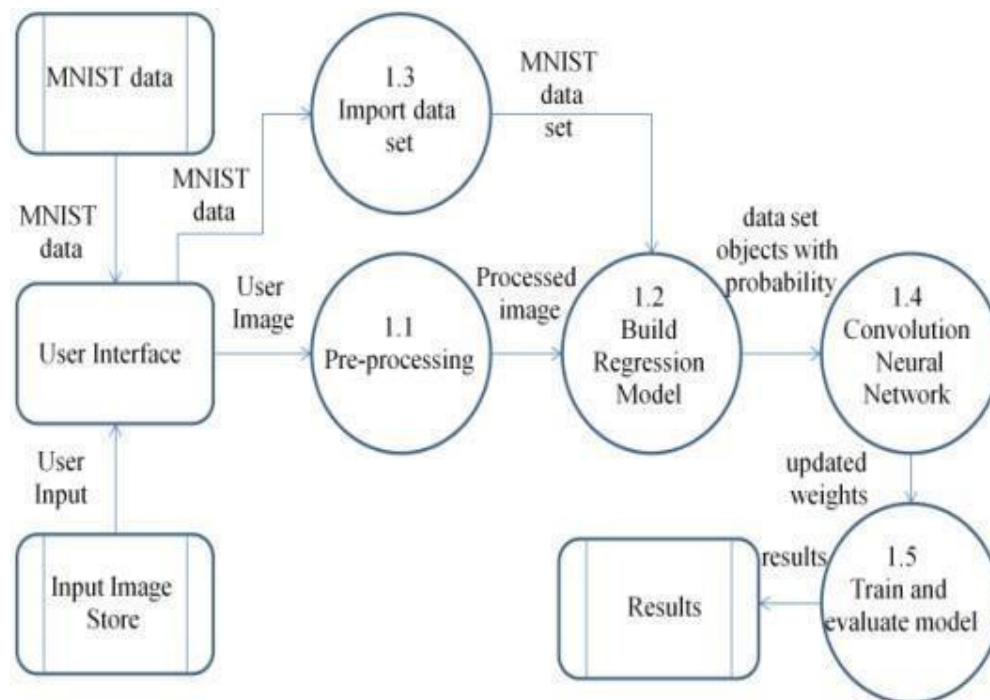**Project Design Phase-II**
**Data Flow Diagram & User Stories**

| TEAM ID | PNT2022TMID38603 |
|---|---|
| PROJECT NAME | A Novel Method For Handwritten Digit Recognition System |

**Data Flow Diagrams:**

A Data Flow Diagram 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.

## 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 | 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-1 |
| | | USN-4 | As a userl, I can register for the application through Gmail | I can get a verification link through email | Medium | Sprint-1 |
| | Login | USN-5 | As a user, I can log into the application by entering email & password | I can enter the application | High | Sprint-2 |
| | About | USN-6 | I can click on the "About" to get the idea of a handwritten digit recognition tool for recognition of digits. | I can get an idea about the project | Low | Sprint-2 |
| | Launch | USN-7 | As a user I can upload my handwritten digit images to be recognised from the computer. | I can choose any image from my device | High | Sprint-2 |

| User Type | Functional Requirement (Epic) | User Story Number | User Story / Task | Acceptance criteria | Priority | Release |
|---|---|---|---|---|---|---|
| | Input | USN-8 | As a user I can turn on the camera using the input button. | I can get the input to be digitized. | High | Sprint-3 |
| | | USN-9 | I can also upload images from the cloud. | I can get the input images to be recognized and digitized. | Medium | Sprint-3 |
| | | USN-10 | I can also scan the digit and it recognizes it. | I can get the recognised digit from the input given. | High | Sprint-4 |
| | | USN-11 | I can scan one page at once. | I can get the recognised digits from the input given. | High | Sprint-4 |
| | | USN-12 | I can scan two pages at once. | I can get the recognised digits from the input given. | High | Sprint-4 |
| | | USN-13 | I can scan three and more pages at once. | I can get the recognised digits from the input given and organize the files. | High | Sprint-4 |