

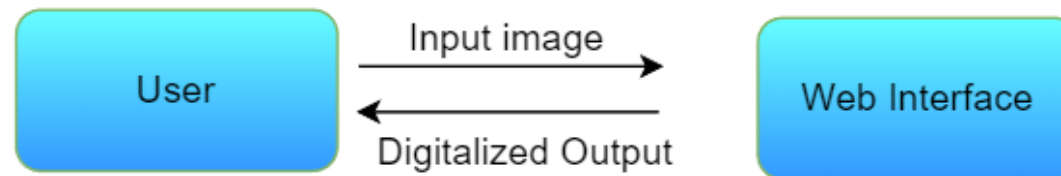
Project Design Phase-II
Data Flow Diagram & User Stories

| | |
|---------------|---|
| Date | 18 October 2022 |
| Team ID | PNT2022TMID52735 |
| Project Name | Project - A Novel Method for Hand Written Digit Recognition |
| Maximum Marks | 4 Marks |

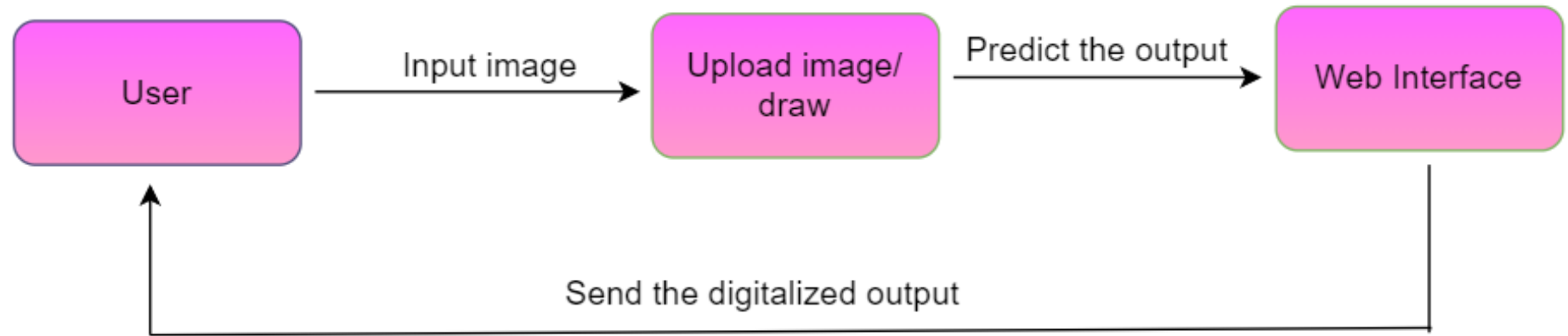
Data Flow Diagrams:

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.

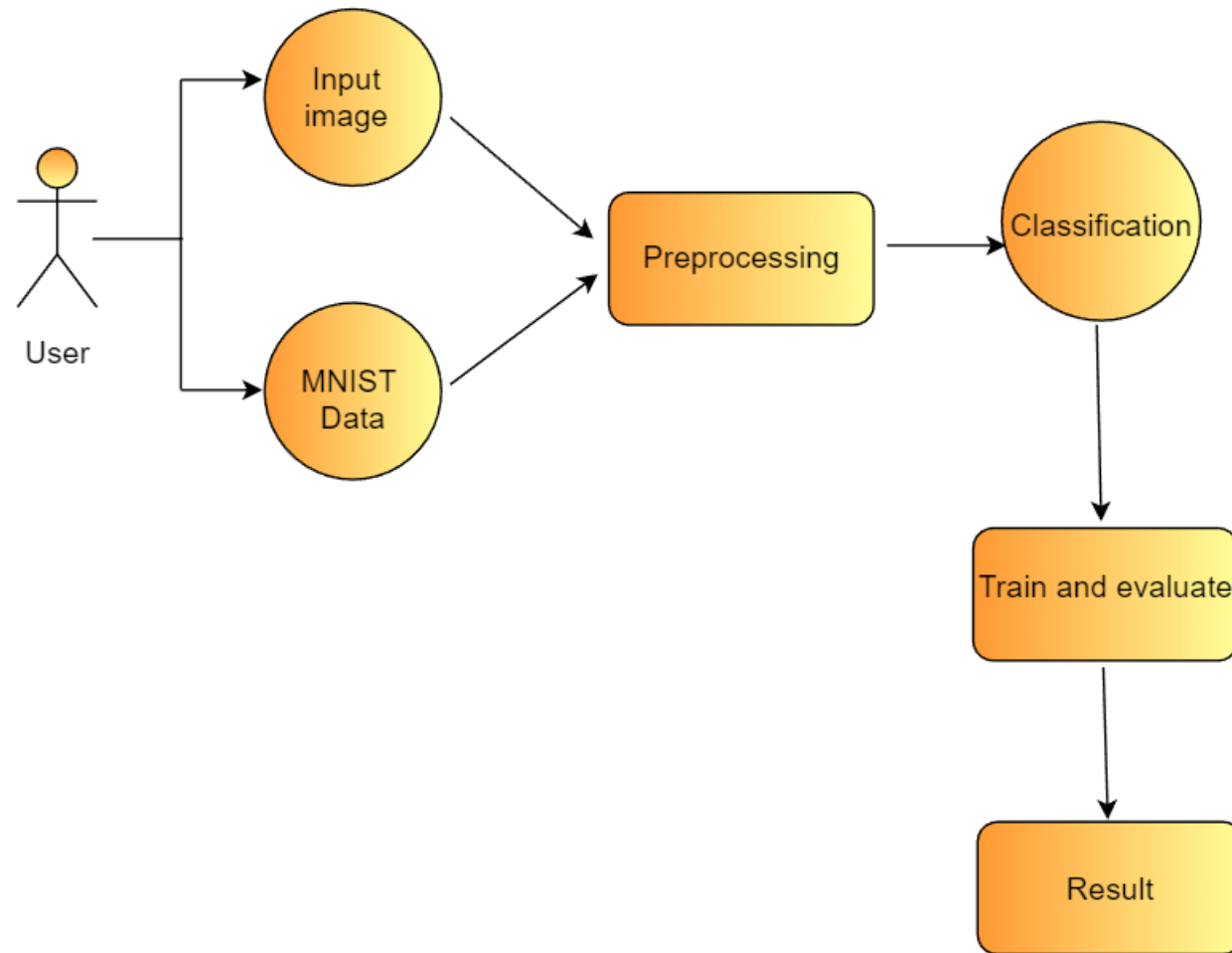
DFD LEVEL 0



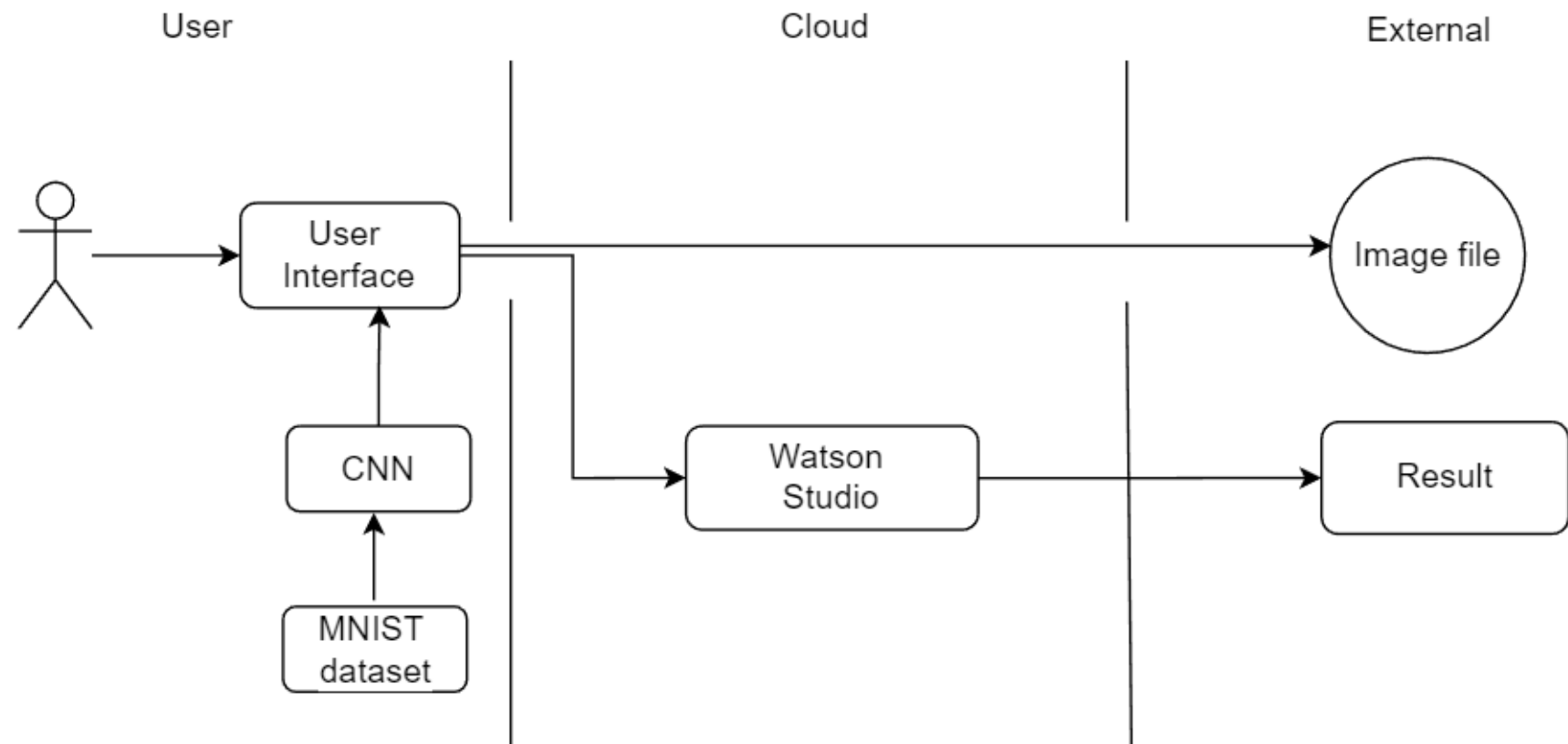
DFD LEVEL 1



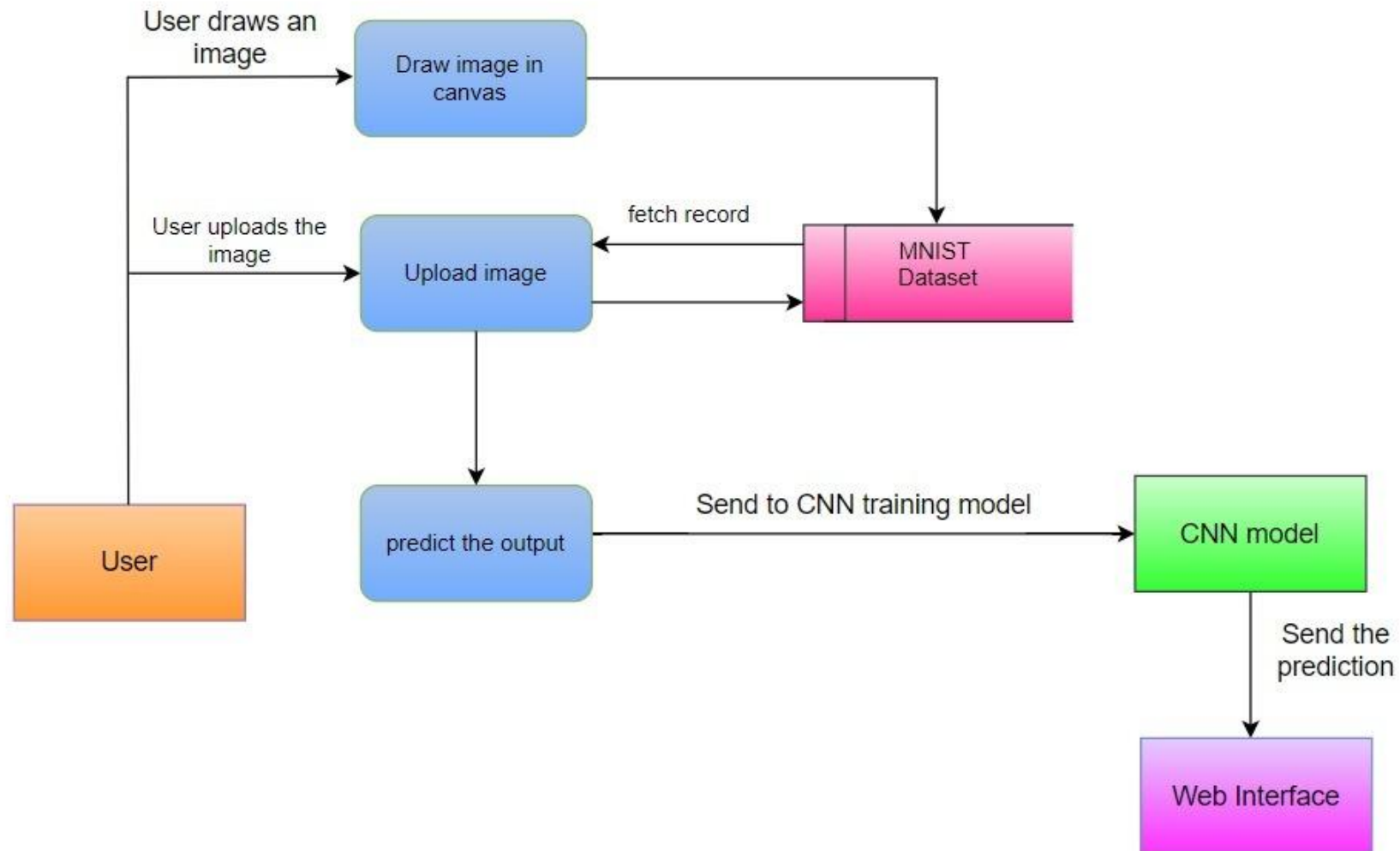
DFD LEVEL 2



Simplified Flow



Industry Standard



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 |
|-------------------------|----------------------------------|-------------------|---|---|----------|----------|
| Web user (customer) | Access web page | USN-1 | As a user, anyone can access the web page to upload the handwritten image | I can access my web page through online at any time | High | Sprint-1 |
| | Usage of handwritten data | USN-2 | As per the style of the handwriting, it is easy to predict the input | Prediction can be done in an easy way | High | Sprint-2 |
| | Accuracy of the handwriting | USN-3 | By using the prediction model, the user can check whether the digit is recognized correctly | Prediction of handwritten digit will be accurate | High | Sprint-3 |
| | View the result | USN-4 | As a user, he/she can view the digitalized form of the input | Final result will be displayed | High | Sprint-3 |
| Customer Care Executive | Upload clear image/ draw clearly | USN-5 | As a user, he/she need to upload clear and neat image to increase accuracy | Result will be accurate | High | Sprint-3 |