

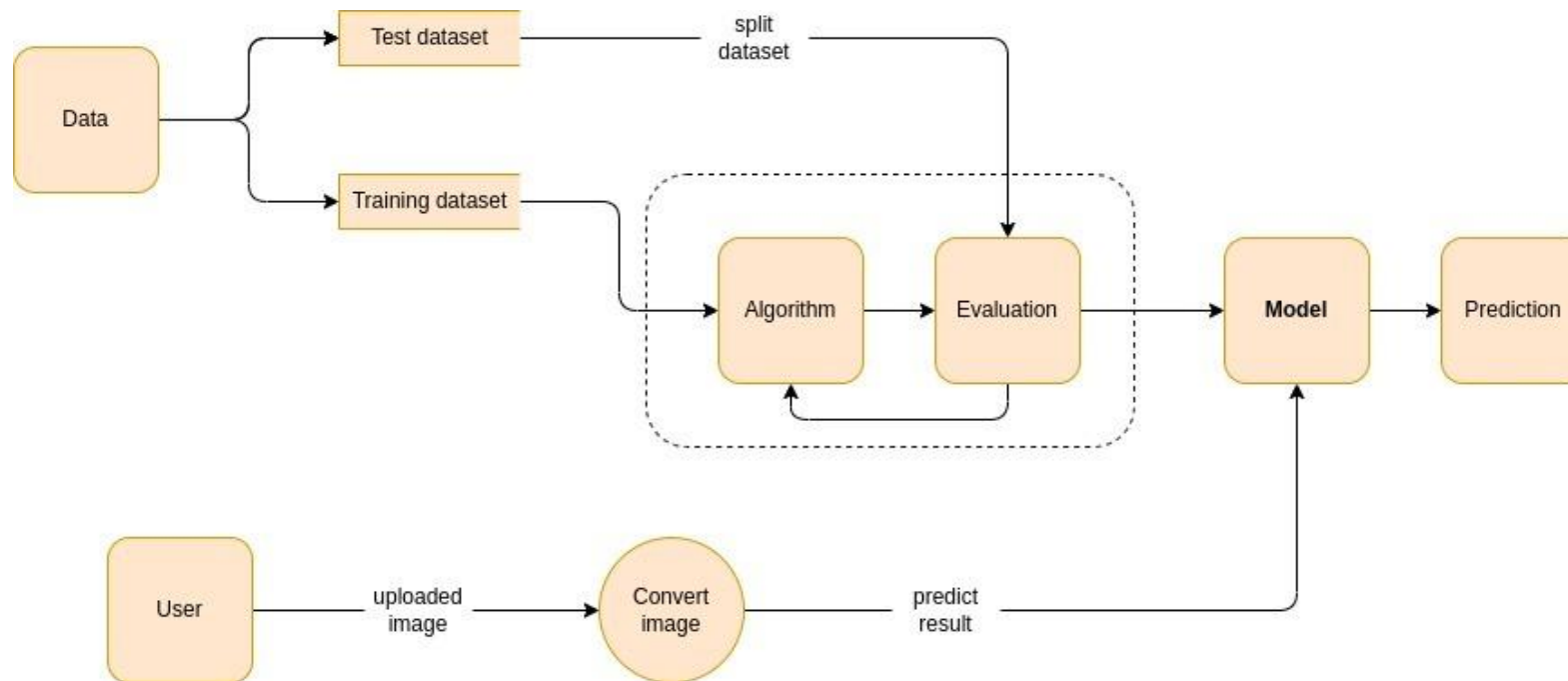
## Project Design Phase-II

### Data Flow Diagram & User Stories

|               |   |
|---------------|---|
| Date          | 10 October 2022   |
| Team ID       | PNT2022TMIDxxxxxx                                       |
| Project Name  | 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.



## 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 (Web user) | Image upload                  | USN-1             | User can upload image using the input component   | user can upload only images                   | High     | Sprint-1 |
| Customer (Web user) | image upload                  | USN-2             | adding upload button to send image for prediction | button is enabled only when image is uploaded | High     | Sprint-1 |
| Customer (Web user) | results                       | USN-3             | graph to show the prediction                      |   | High     | Sprint-4 |
| Customer (Web user) | training                      | USN-4             | importing keras datasets and integrating it       |   | High     | Sprint-2 |
| Customer (Web user) | training                      | USN-5             | model training                                    | image dataset only                            | High     | Sprint-2 |
| Customer (Web user) | training                      | USN-6             | model testing                                     | image dataset only                            | High     | Sprint-3 |
| Customer (Web user) | results                       | USN-7             | result formatting                                 |   | High     | Sprint-4 |
|                     |                               |                   |   |   |          |          |
|                     |                               |                   |   |   |          |          |
|                     |                               |                   |   |   |          |          |
|                     |                               |                   |   |   |          |          |
|                     |                               |                   |   |   |          |          |