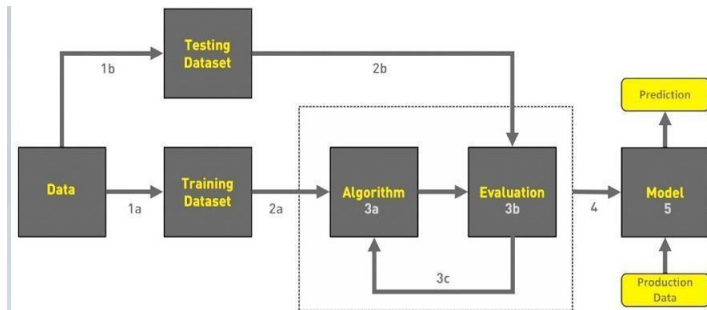


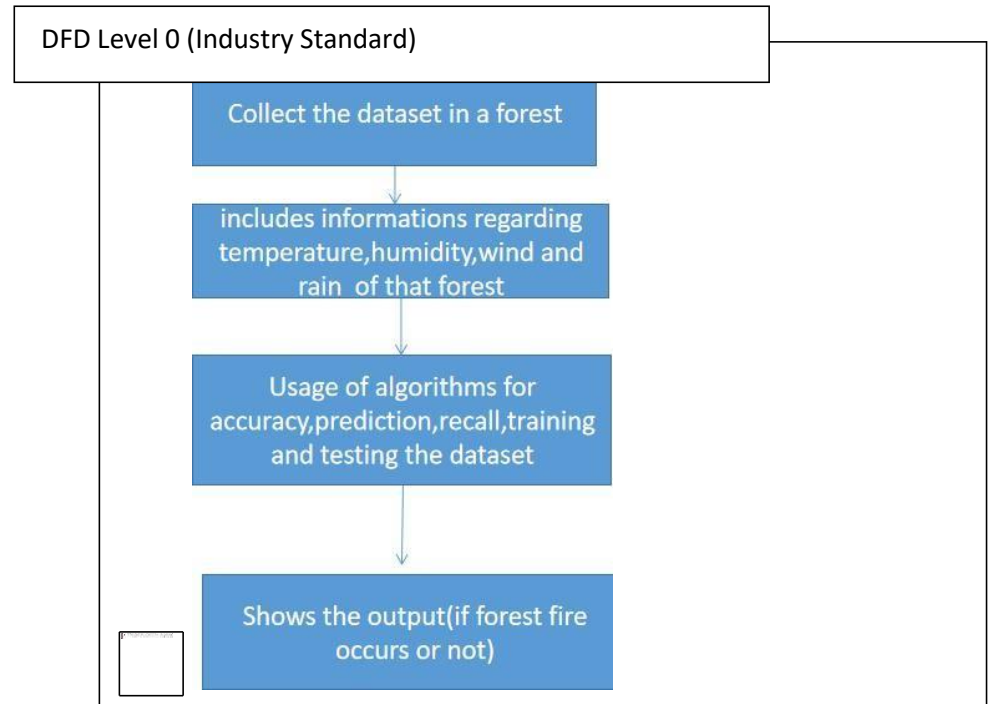
## Project Design Phase-II Data Flow Diagram & User Stories

|               |  |
|---------------|--|
| Team ID       | PNT2022TMID39882                                     |
| Project Name  | Emerging Methods for Early Detection of Forest Fires |
| Maximum Marks | 4 Marks  |

### Data Flow Diagrams:



1. COLLECT DATA
2. EVALUATE DATA SET
3. IMPLEMENT ALGORITHMS
4. EVALUATE THE ACCURACY OF EACH ALGORITHMS
5. DISPLAY RESULTS



## 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  |
|------------------|-------------------------------|-------------------|--|---|----------|----------|
| Environmentalism | Collect the data              | USN-1             | As an Environmentalism,it is necessary to collect the data of the forest which includes temperature,humidity,wind and rain of the forest | It is necessary to collect the right data else the prediction may become wrong              | High     | Sprint-1 |
|                  |                               | USN-2             | Identify algorithms that can be used for prediction  | To collect the algorithm to identify the accuracy level of each algorithms                  | Medium   | Sprint-2 |
|                  |                               | USN-3             | Identify the accuracy of each algorithms   | Accuracy of each algorithm-calculated so that it is easy to obtain the most accurate output | High     | Sprint-2 |
|                  |                               | USN-4             | Evaluate the Dataset   | Data is evaluated before processing   | Medium   | Sprint-1 |
|                  |                               | USN-5             | Identify accuracy,precision,recall of each algorithms  | These values are important for obtaining the right output                                   | High     | Sprint-3 |
|                  |                               | USN-6             | Outputs from each algorithm are obtained   | It is highly used to predict the effect and to take precautionary measures.                 | High     | Sprint-4 |