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

| Date | 06  November 2022 |
|---|---|
| Team ID | PNT2022TMID50335 |
| Project Name | Emerging methods for early detection of forest fire |
| Maximum Marks | 4 Marks |

**Data Flow Diagrams:**
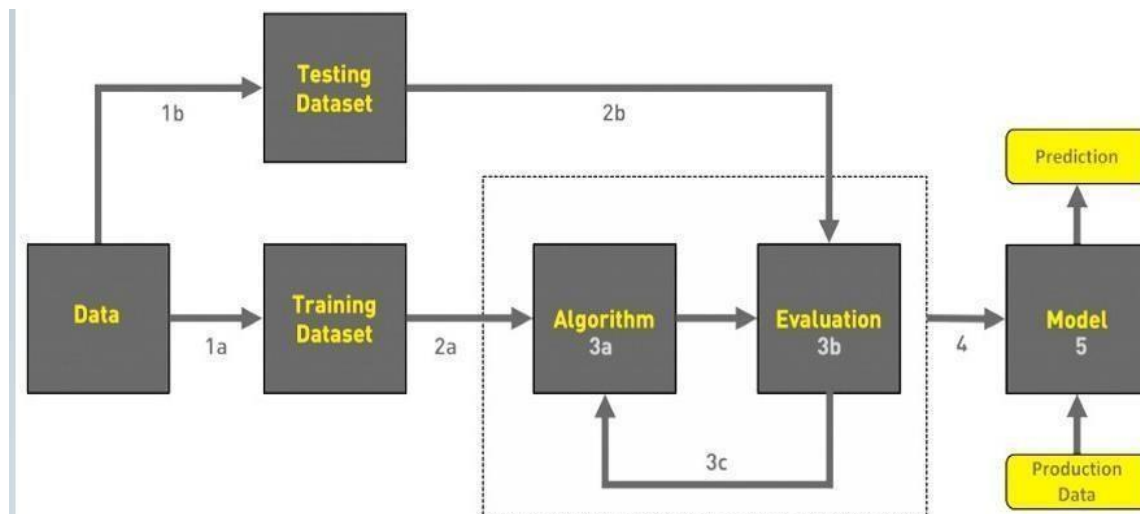


1. COLLECT DATA

2. EVALUATE DATA SET

3. IMPLEMENT ALGORITHMS

4. EVALUATE THE ACCURACY OF EACH  ALGORITH

**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 |
|---|---|---|---|---|---|---|
| Environmentalist | Collect the data | USN-1 | As an environmental list,it is necessary to collect the data of the forest which includes temperatures,humidity,wind and rain of the forest | It is necessary to collect the right data elice 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 algorithm | Medium | Sprint-2 |
| | | USN-3 | Identify the accuracy of each algorithm | 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 ouput | High | Sprint-3 |
| | | USN-6 | Output from each algorithm are obtained | It is highly used to predict the effect and to take precautionary measures | High | Sprint-4 |