**Dataflow Diagram**

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| --- | --- |
| Date | 31October 2022 |
| Team ID | **PNT2022TMID48018** |
| Project Name | Emerging Methods for Early Detection of Forest Fires |
| Maximum Mark | 4 Mark |

**Dataflow chart**

IT CHECKS FOR THE SMOKE

AND FIRE IN THE FOREST

IMAGE DATASET

CLASSIFICATION AND PREPROCESSING OF IMAGE DATASETS

FIRE OR SMOKE DETECTED

INITIATES ALARM AND SEND ALARM MESSAGES TO THE BASE STATION

SHOW RESULT

**User Stories**

User the below templates to all the user stories for the products.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| User Type | Functional Requirement (Epic) | User Story Number | User Story / Task | Acceptance criteria | Priority | Release |
| Customer (Mobile user) | 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-2 |
|  |  | USN-4 | As a user, I can register for the application through Gmail |  | Medium | Sprint-1 |
|  | Login | USN-5 | As a user, I can log into the application by entering email & password |  | High | Sprint-1 |
|  | Dashboard |  |  |  |  |  |