**Project Design Phase-II**

**Data Flow Diagram & User Stories**

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| Date | 06 May 2023 |
| Team ID | NMIoT05EN |
| Project Name | IOT Based Street Quality Identification System |

**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.

Connect the device to the vehicles

Quality of streets are given

The datas are shown

Enter the details of their logins

Login to the website to check the status

Sending alert messages

Pinpointing the location of the pothholes

**User Stories**

| **User Type** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Acceptance criteria** | **Priority** | **Team Member** |
| --- | --- | --- | --- | --- | --- | --- |
| Customer (Mobile user) | LOGIN | 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 | Monika Priyadharshini.G |
|  | DETAILS | 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 | Deekshanya.G |
|  | ALERTS | USN-3 | As a user, I can check alerts | I can register & access the dashboard | Low | Joeita Priyadarshini.A |
|  | NOTIFICATION | USN-4 | As a user, I can receive notifications through email | I can get the details regarding street quality | Medium | Joeita Priyadarshini.A |