**Project Design Phase-II**

**Data Flow Diagram & User Stories**

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| Date | 28 june 2025 |
| Team ID | LTVIP2025TMID45999 |
| Project Name | Transfer learning based classification of poultry diseases for enhanced health management. |
| 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 leave the

system, what changes the information, and where data is stored.

**Diagram, timeline

Description automatically generated**

**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 1 | Uploading image | USN-1 | Can I get the name of the disease | name of disease can be displayed. | High | Sprint-1 |
| Customer 2 | Uploading of image | USN-2 | How am I supposed to know the kind of medicine that I have to give | Based on the image provided automatically medicine will be generated | High | Sprint-1 |
| Customer 3 | Detecting image | USN-3 | As a user, I can generate images of the infected one for the kind of disease that they are suffering with. | Yes can be generated by AI. | Low | Sprint-2 |
| Customer 4 | Detection of image | USN-4 | Can I get get the guidelines of the usage of the medicine | Yes throught the trained datasets. | Medium | Sprint-1 |
| Customer 5 | Uploading of image | USN-5 | As a user, can I purchase medicine as suggested | Yes of course. | High | Sprint-1 |