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

| Date | 03 October 2022 |
|---|---|
| Team ID | PNT2022TMID35432 |
| Project Name | Project - Statistical Machine Learning Approaches to Liver Disease Prediction |
| 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 leaves the system, what changes the information, and where data is stored.
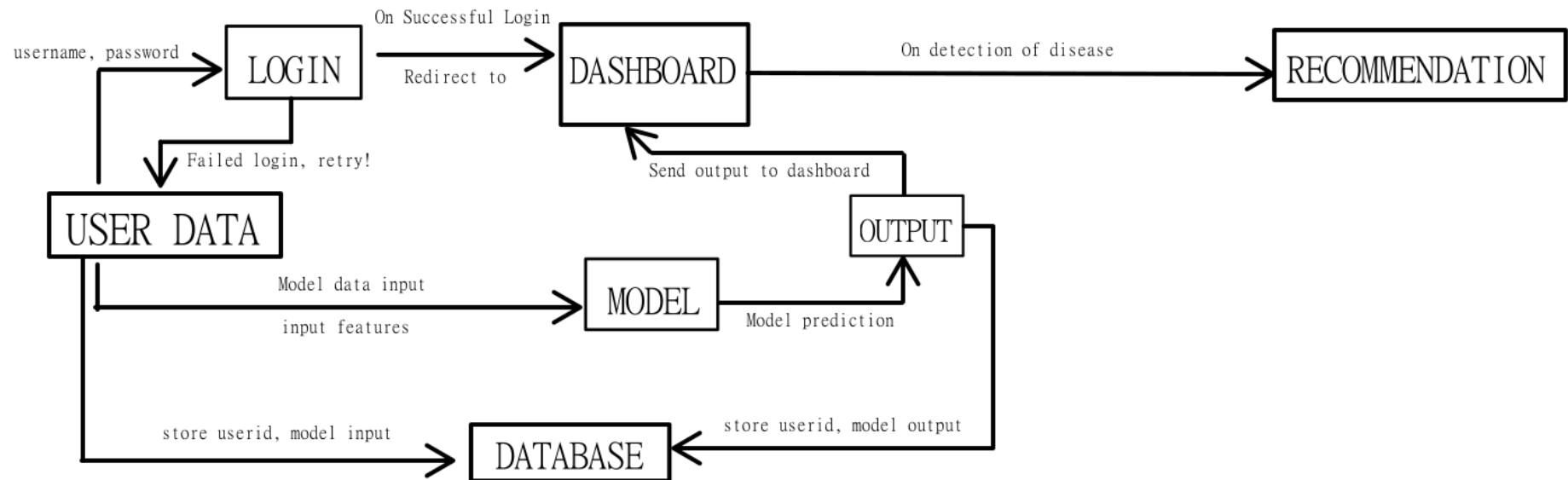
**User Stories**

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 (Mobile and web 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 | I can register & access the dashboard with Gmail Login | Low | Sprint-1 |
| | Login | USN-5 | As a user, I can log into the application by entering email & password | I can access the dashboard of the application | High | Sprint-1 |
| | Dashboard | USN-6 | As a user, I can view the dashboard and find the page to enter my data for prediction | I can find the link to enter the data for prediction | High | Sprint-3 |
| Customer Care Executive | Follow-up | USN-7 | As a user, I lookup from the database to see which users have been predicted with a liver disease and find out if they have contacted a doctor for diagnosis/further analysis. | Response from the customer | Low | Sprint-4 |
| Administrator | Database | USN-8 | Develop a database to store all user activity and use the user input data for building a better model | | High | Sprint-3 |