Project Design Phase-II

**Data Flow Diagram & User
Stories**

Date

11 October 2022

Team ID

PNT2022TMID20641

Project Name

Visualizing and Predicting Heart Diseases with an Interactive Dashboard

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.

Data Flow Diagram for Heart Disease Prediction Dashboard:

Flow:

1) The user registers for the application.

2) The user inputs the patient records onto the dashboard.

3) Using the trained dataset, the user can explore trend visualisations for his or her medical information as graphs and charts.

    4) In the dashboard, the user can see the accuracy of the likelihood that heart disease will develop.

User Stories:

User Type

Functional

Requirement(Epic)

User

Story Number

User Story / Task

Acceptance criteria

Priority

Release

Customer (Web user)

Registration

USN-1

I can sign up for the application as a user by providing my email address, a password, and a password confirmation.

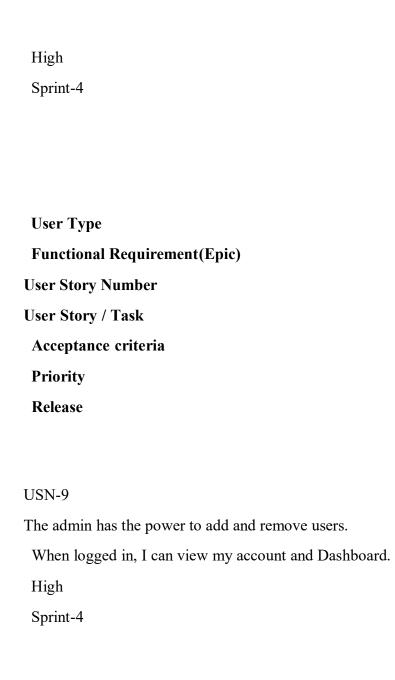As an admin, he or she has control over user data.

High

Sprint-1

USN-2

When I register for the application as a user, I will get a confirmation email.

I can get a confirmation email and confirm it.

High

Sprint-1

Login

USN-3

I can access the application as a user by providing my email address and password.

When logged in, I can view my account and Dashboard.

High

Sprint-1

Customer (Web user)

Dashboard

USN-4

The user can view his or her accurate disease prediction and comprehensive medical analysis.

May access the dashboard and see my medical analysis

High

Sprint-2

USN-5

The user can view his or her accurate disease prediction and comprehensive medical analysis.

In the dashboard, I can see the accuracy of heart illness.

High

Sprint-2

Customer CareExecutive

Helpdesk

USN-6

The client queries can be seen by the customer service representative.

My inquiries might be posted in the dashboard.

Medium

Sprint-3

USN-7

He or she can respond to consumer inquiries in his or her capacity as a customer service representative.

Help desk is where I can obtain assistance.

High

Sprint-3

Administrator

User Profile

USN-8

He or she can update a user's health information as an admin.

I can see my current health information.

High

Sprint-4

User Type

Functional Requirement(Epic)

User Story Number

User Story / Task

Acceptance criteria

Priority

Release

USN-9

The admin has the power to add and remove users.

When logged in, I can view my account and Dashboard.

High

Sprint-4

USN-10

He or she can control user information as an admin.

I have access to my own organised data.

High

Sprint-4