Project Design Phase-II
Data Flow Diagram & User Stories

Date	25-10-2023
Team ID	Team-613637
Project Name	Own project - Intelligence Health Prediction System
Maximum Marks	5 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.
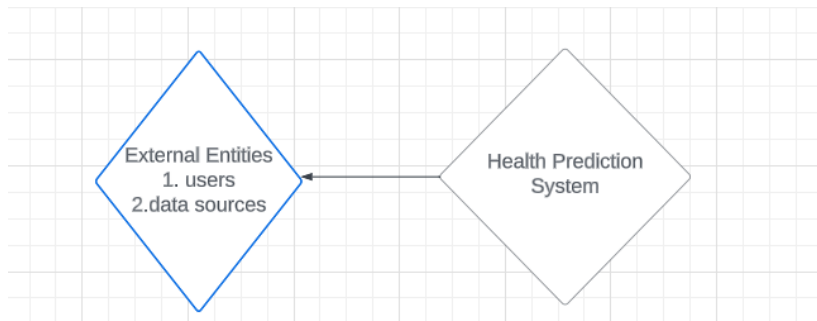
DFD Level 0 Context Diagram Processes:

Health Prediction System: The main process that takes inputs,

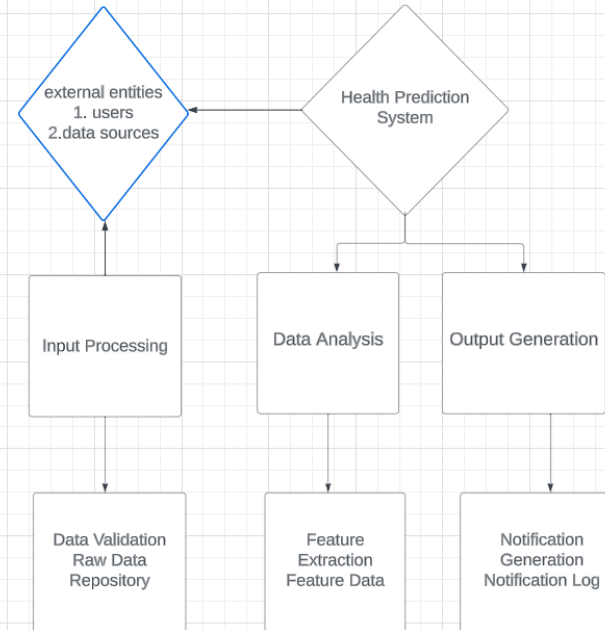processes them, and provides health predictions.

External Entities:

Users: Individuals interacting with the system.

Data Sources: Sources providing health-related data (e.g., medic

al records, wearables, etc.).

Example: DFD Level 1 (Industry Standard)

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
End Users (Customers)	Health Prediction and Notification System	USN-1	As a user, I want to input my health data into the system to receive personalized health predictions.	The input fields should include relevant information such as age, gender, medical history, and lifestyle factors. Upon successful submission, the user should receive a confirmation message.	High	Sprint-1
		USN-2	As a user, I want to receive accurate and timely health predictions based on my input data.	The system should analyze the input data using machine learning algorithms to generate health predictions. The system should provide predictions within a reasonable time frame, considering the complexity of the analysis.	High	Sprint-1
		USN-3	As a user, I want to be notified of important health insights and recommendations.	The system should generate notifications based on the analysis of health predictions. Users should have the option to customize notification preferences. Notifications should be delivered through multiple channels, such as email or in-app messages.	Medium	Sprint-2

Healthcare Providers	Dashboard	USN-4	As a healthcare provider, I want access to aggregated patient health data and predictions to assist in treatment planning.	The system should allow healthcare providers to access a dashboard displaying an overview of patient health predictions. The dashboard should provide filters for sorting and selecting specific patient groups based on health risk levels.	High	Sprint-1
End users		USN-5	As a user, I want to have a social sharing feature to share my health achievements and insights with my friends and family.	The system should include an option for users to share selected health achievements and insights on popular social media platforms. Users should be able to customize the content of their shares, choosing which information to include.	Low	Sprint- 2
Customer Care Executive		USN-6	As a customer care representative, I want access to user profiles and notification logs to assist users with inquiries and issues.	The system should provide a customer care portal where representatives can log in securely. Customer care representatives should be able to search for and view the profiles of specific users. The portal should display the user's health predictions and notification history. Customer care representatives should have the ability to escalate technical issues to the development team.	Medium	Sprint-3
Administrator		USN-7	As a system administrator, I want to manage user accounts, monitor system performance, and ensure data security.	The system should provide an administrator dashboard with options for user management. Administrators should be able to create, modify, or deactivate user accounts.	High	Sprint-3

				The dashboard should include system performance metrics, such as processing speed and resource utilization.		