Project Design Phase-II
Data Flow Diagram &User Stories

Date	03October 2022
Team ID	PNT2022TMID14797
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.
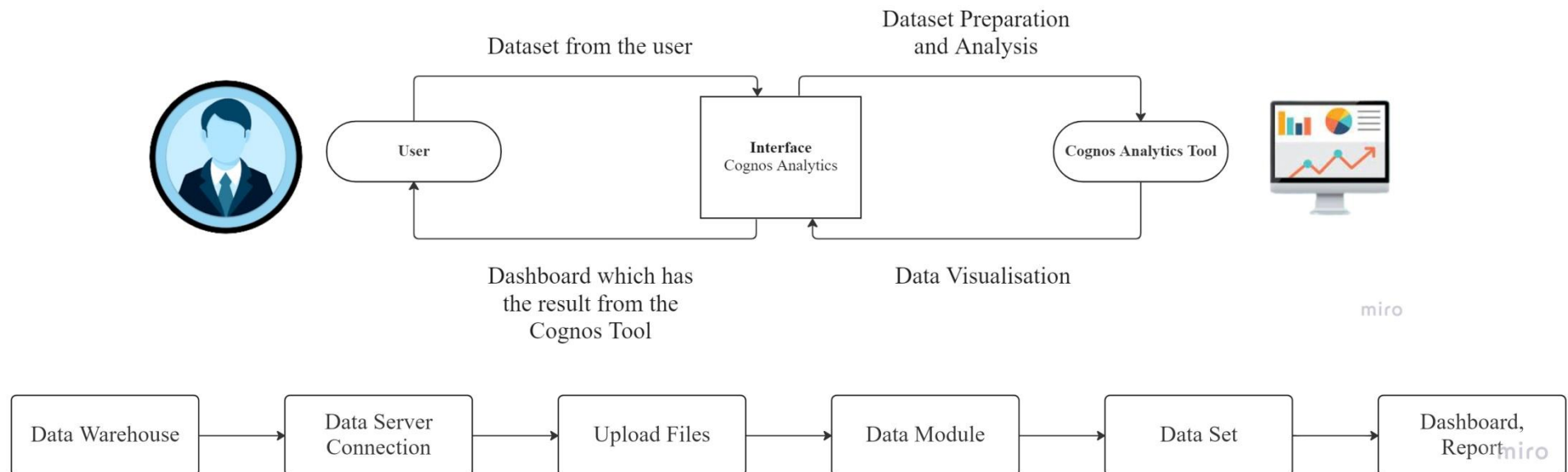
Data Flow Explanation:

1. User creates an own login/account in the application with their username and password which is encrypted and known only to the user
2. After the successful creation, user can upload his/her medical records to the data warehouse which is connected by Data server connection
3. When the medical records are uploaded, data are processed and prepared using Cognos Tool
4. User can visualise his/her record with the help of prepared data by the tool
5. By the visualisation, user can view the accuracy of probability of the occurrence of the heart disease in the dashboard
6. After the result, user can take treatments based on the result

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 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
	Login	USN-3	As a user, I can log into the application by entering email & password	I can access my account/ Dashboard when logged in	High	Sprint-1
Customer (Web user)	Dashboard	USN-4	User can view his/her complete medical analysis and accuracy of disease prediction	I can view my medical analysis in the dashboard	High	Sprint-2
Customer Care Executive	Helpdesk	USN-5	As a customer care executive, he/she can view (or) answer the customer queries.	I can post my queries and get support form the helpdesk	High	Sprint-3
Administrator	User Profile	USN-6	As an admin, he/she can update the health details of users.	I can view my updated health details.	High	Sprint-4
		USN-7	As an admin, he/she can add or delete users and manage the user data	I can access my account / Dashboard and view the organized data of myself	High	Sprint-4