Project Design Phase-II
Technology Stack (Architecture & Stack)

Date	03 October 2022
Team ID	PNTPNT2022TMID13634
Project Name	Visualizing and Predicting Heart Diseases with an Interactive Dash Board
Maximum Marks	4 Marks

Technical Architecture:
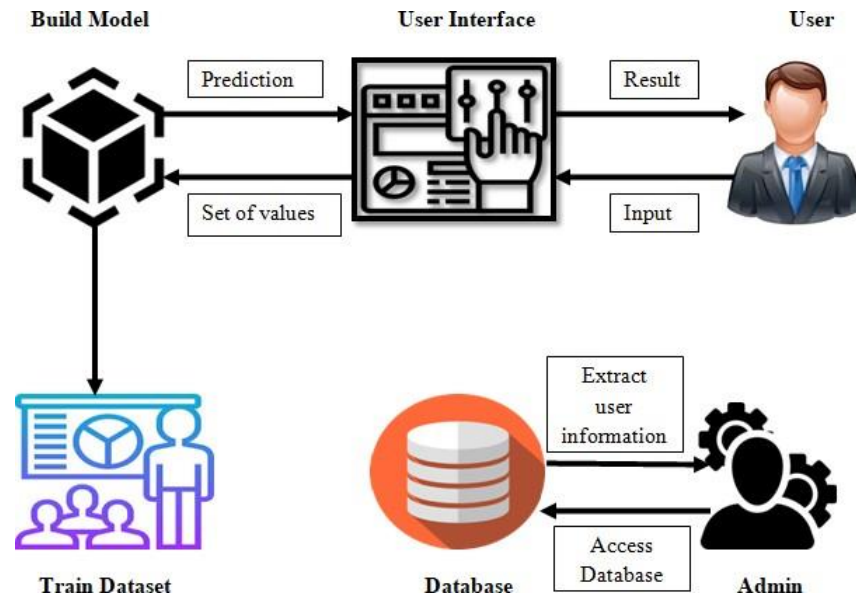
Table-1 : Components & Technologies:

S.No	Component	Description	Technology
1.	User Interface	How user interacts with application	Interactive Cognos Dashboard
2.	Application Logic-1	Logic for a process in the application	IBM Watson STT service
3.	Application Logic-2	Logic for a process in the application	IBM Watson Assistant
4.	Patient record data	Data Type, Configurations etc.	Kaggle
5.	Exercise angina	Database Service on Cloud	IBM DB2, IBM Cloudant etc.
6.	File storage	File storage requirements	Local Filesystem

Table-2: Application Characteristics:

S.No	Characteristics	Description	Technology
1.	Security Implementations	List all the security / access controls implemented, use of firewalls etc.	Data Encryption
2.	Scalable Architecture	Justify the scalability of architecture .	Exploratory Data Analysis
3.	Availability	Give the time to fix the problem	Application to access the system
4.	Performance	The framework will be utilized by numerous representatives.	Datas