

Project Design Phase 2
Analysis, Interpretation, Modeling

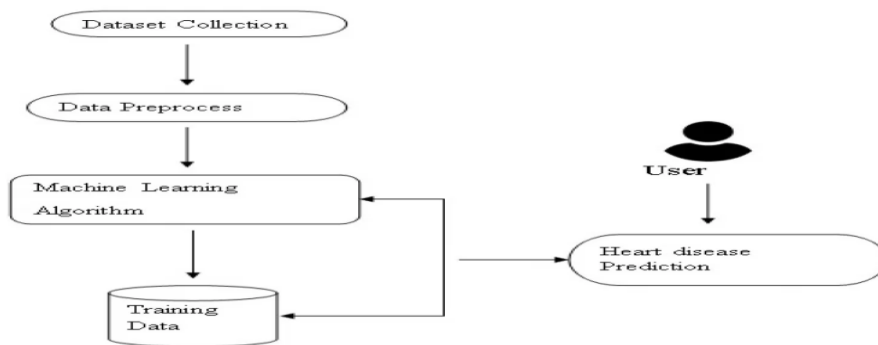
Date	08 November 2022
Team ID	PNT2022TMID28916
Project Name	Project - Visualizing and Predicting Heart Diseases with an Interactive DashBoard
Maximum Marks	4 Marks

USER REGISTRATION

Logging in (or logging on or signing in or signing on) is the process by which an individual gains access to a computer. computer system by identifying and authenticating themselves The user credentials are typically some form of "username" and a matching "password," and these credentials are sometimes referred to as a login.

QUESTIONNAIRES

The user enters values into the application form and fills out all of the details. All of these details are saved in the server and can be used to extract disease features. The information entered is compared to the datasets saved in the database.



CHECK FOR DISEASE SYMPTOMS

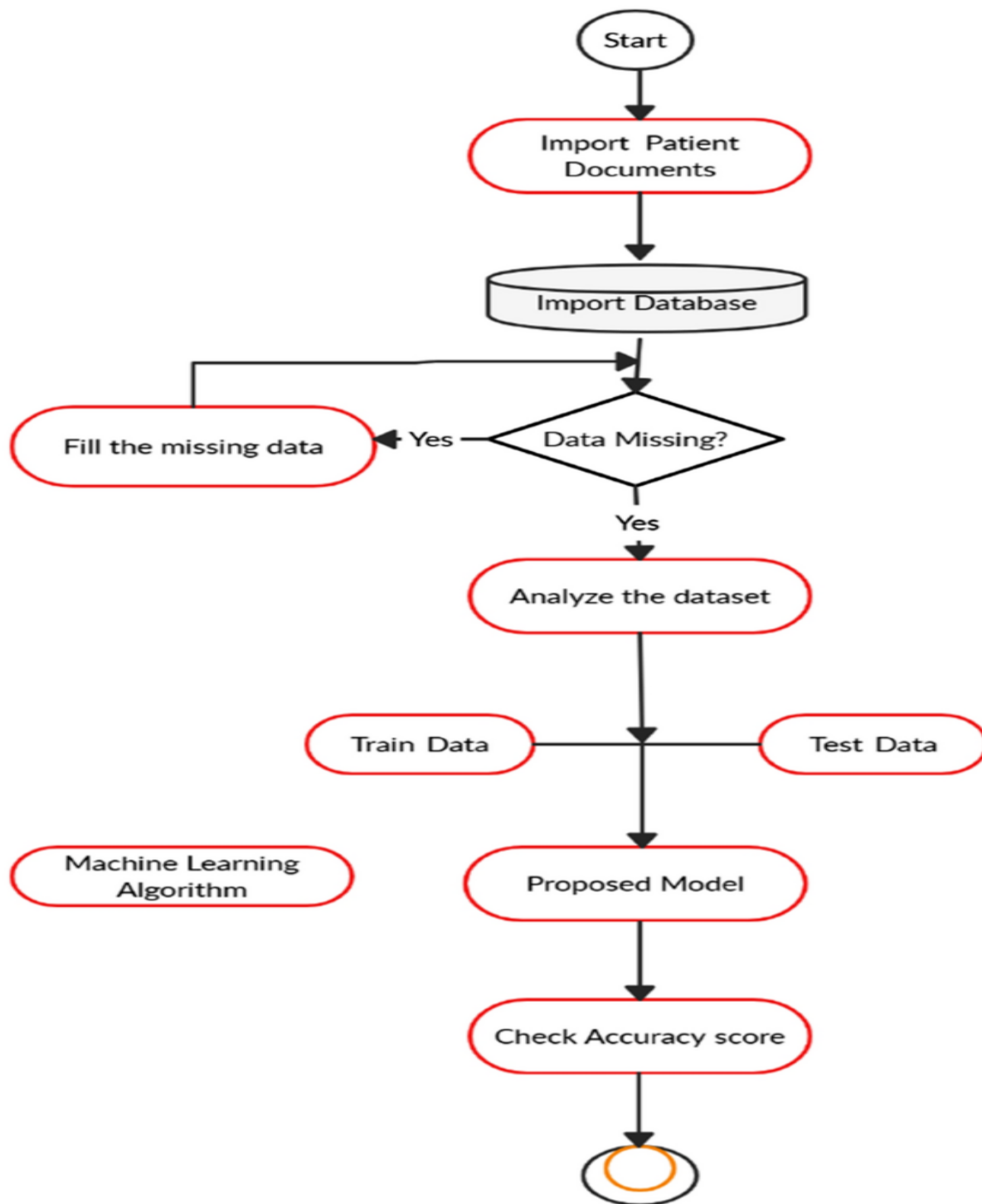
It checks for disease symptoms after matching the details with the datasets. One characteristic may correspond to a different disease. As a result, in order to predict the correct disease, each matched detail must be checked.

CREATE REPORT

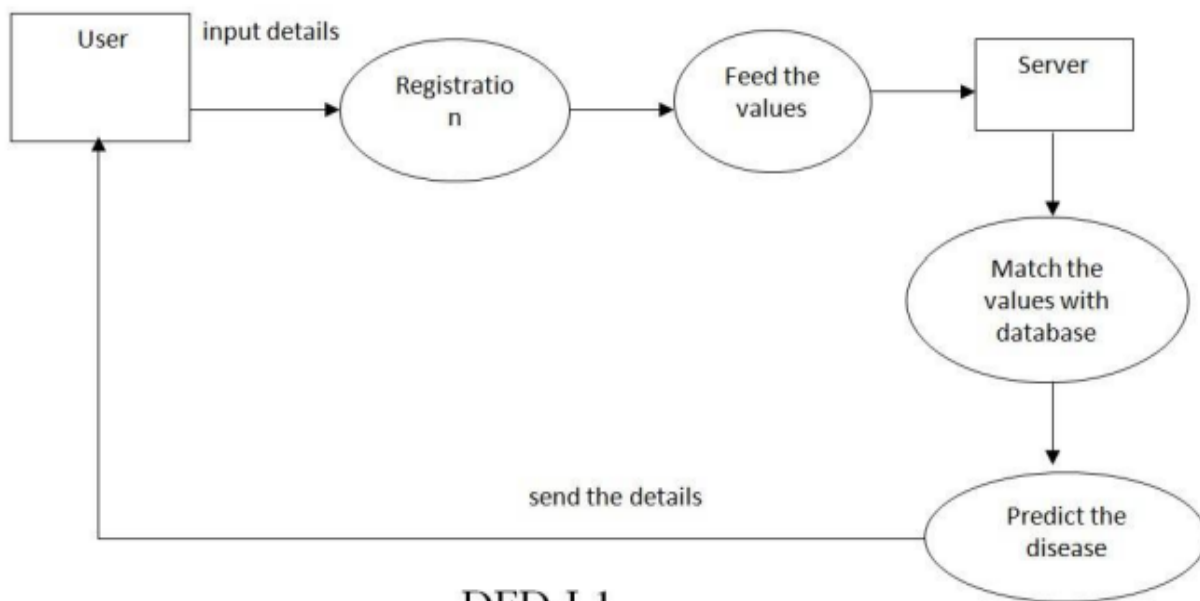
A report is generated based on the matched symptoms. It predicts the disease and sends it to the user's mobile application, then adds some tips/suggestions to the user, such as nearby hospital details, and notifies the patient by sending a message alert to the patient's mobile number.

Flow Chart:

This is the process or idea in which data is used to predict the disease by going through several steps such as registration (for new users), feeding the values (entering and storing values), server (to store them), matching the values (finding probability), and finally predicting the disease (Final result). Similarly to newly registered users, registered users can login to their account and enter data values, which are then stored in the database with the help of the server, and then extract those values and find possibilities, and then generate the report.



DFD :



USECASE:

The steps from registering the user (the first step) to the final report generation can all be easily explained or represented using a use case diagram with actors acting as users. Users register by entering specific parameters, then log in to their accounts and enter their health conditions and values, which are to be stored in the database, i.e., data collection is taken into account, i.e., data from the users must be collected in the database.

USECASE DIAGRAM

