Disease Prediction System

For any user, a username and password must be created first where every username must be unique. Then, on the registration form, the user has to enter their name, age, gender, blood group and list upto 3 symptoms that they are experiencing. The program will predict possible diseases from the dataset it has. If the user accesses the same account, i.e., the same username and password, the previous predicted diseases will also be visible.

For an admin, the username is ‘admin’ and the password is ‘1234’. An admin can either delete an existing disease, modify it (change the symptoms of the disease) or add a new disease with symptoms. The symptoms must be pre-existing in the dataset and upto 3 symptoms can be entered.

This Disease Prediction System uses modules tkinter, csv, difflib, mysql.connector and created modules called sql\_backend.py and config.py

Instructions for Setup

1. Change the password used in mysql.connector by changing the value of the key ‘passwd’ to your mysql password in the dictionary in the file config.py
2. Create the database disease\_spv in mysql
3. Run csv\_to\_mysql.py to create and populate the mysql tables
4. Use the program by running backend.py