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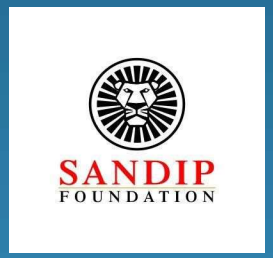

Department of Computer Engineering

PROJECT PRESENTATION

Savitribai Phule Pune University

Academic Year 2020-21

A Presentation on:

"BMI Catalog System Using MySQL"

Presented By :-

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Introduction

- In todays world heath is a major issue and every person is curious about their health and want to keep track of their weight and BMI.
- So We Proposed this system that help person to calculate their BMI and save it for tracking their progress.
- The user can maintain his BMI and can check the record as per his need .
- BMI Catalog System keep all the record related to that person like persons Name , Height ,Weight and BMI .

Objective

- To compute BMI
- To help the user to maintain BMI
- Make user able to track his progress by seeing the previous records
- To increase the awareness of overweight and obesity as a major public health threat.

Problem Statement

Now a days many people are not that healthy as per health standards . In todays busy life they are not able to focus on their weight, this could put them at high risk . And maintaining the BMI balance also difficult to them .

Hence we proposed this project so the user can keep his previous information while following diet and can determine whether hi is reaching to health goal or not .

Software Requirement

- Python – Programing language used for coding the software
- Tkinter – Library used for designing the GUI
- MySQL – Use For Back end programing and database connectivity

Proposed System

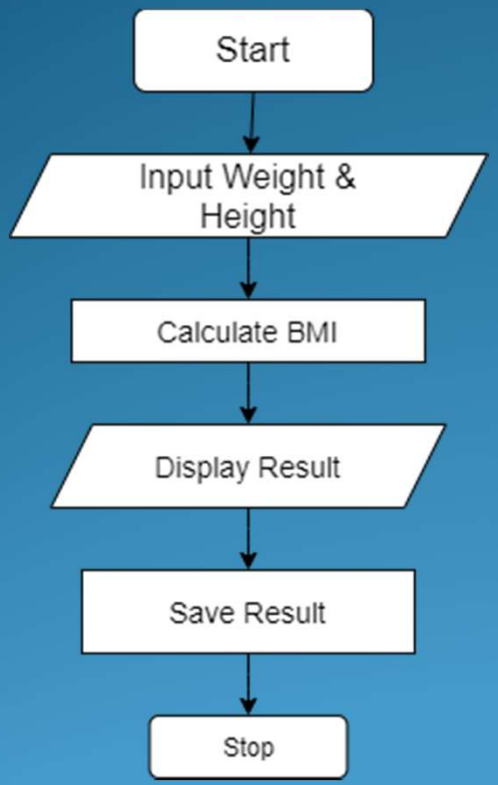

fig : Flowchart

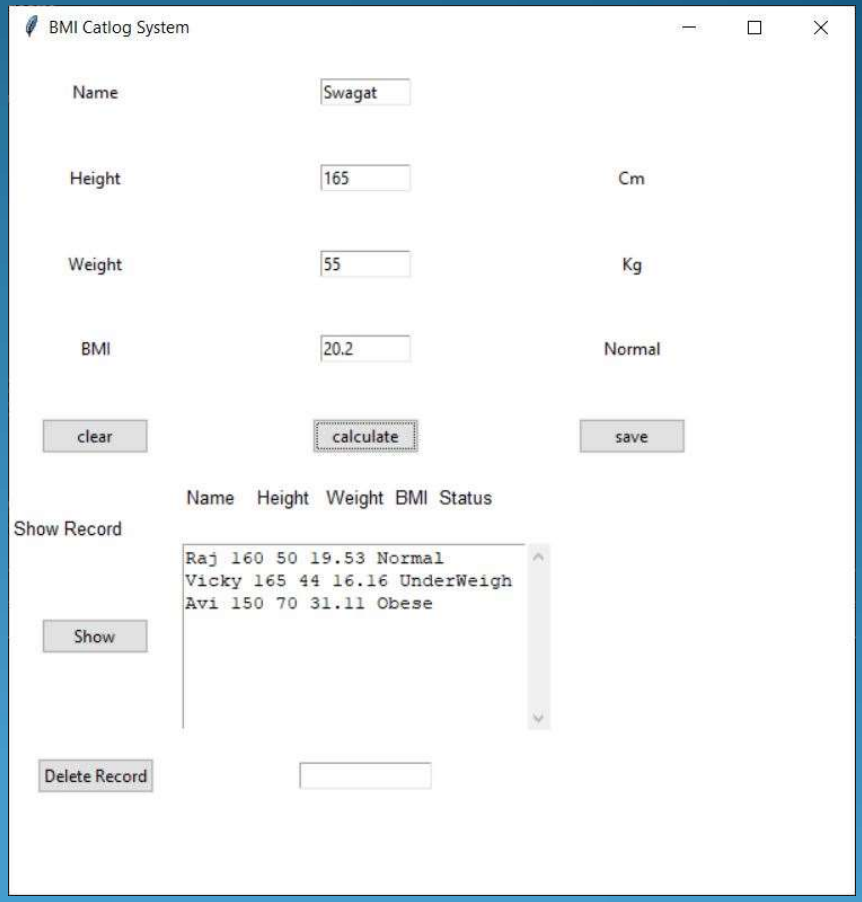

fig : GUI

According to flowchart the user has to enter the data like his Name , height and weight , After that the system will calculate the BMI and will display the result .

The user can save that data to keep track of health. when the user will come in future then he can see that data and accordingly can determine its fitness .

Algorithm

1. we are going to write a function called bmi that will take in two integers, weight and height, as input.

2. Now we will use these two integers to calculate BMI using following formula:
3. BMI = weight / height^2

4. Using that equation, we will calculate the BMI and return a string based on how low or high that number is using the following guidelines:
    1. If BMI is ≤ 18.5, return "Underweight“
    2. If BMI ≤ 25, return "Normal“
    3. If BMI > 30, return "Obese“

5. Save The Result

6. Stop

Conclusion

The BMI calculator will give you a lot of benefits which consists quick relation between weight and height for people. This system is simple and it would make their works become easier.

The purpose of this is to make sure that people can maintain health and live in healthy life