DIABETES PREDICTION APP

USER MANUAL

-Megha Nilesh Varma

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ACKNOWLEDGEMENT

I would like to express my special thanks to my parents, clevered mentors and google resources for helping me to successfully complete this project.

My Introduction

Myself, Megha Nilesh Varma. I am 18 years old and recently graduated Highschool. I am very passionate about Biology and its real-life applications using engineering, and I look forward to pursuing my higher studies in this field.

INTERNSHIP JOURNEY SO FAR..

My experience so far with the internship has been very exciting. I got to learn many new things and the mentors have been very supporting. It has been a great learning opportunity and the insights that I have gotten into AI lately are definitely going to help me in my future endeavours.

DIABETES PREDICTION APP

Uses data like BMI, Age, and number of pregnancies incurred, analysis it, and determines whether a person has diabetes or not. If diabetes is detected, it suggests to the user further steps and resources which can be used by them to learn more about their condition and what they can do to help it.

WHERE THIS APP COULD BE USED

About 422 million people worldwide have diabetes and these numbers are gradually increasing. It is no doubt that prevention is better than cure so people who have the required data at hand can use this app for early stage prediction and hence know to take steps in order to keep the disease in control.

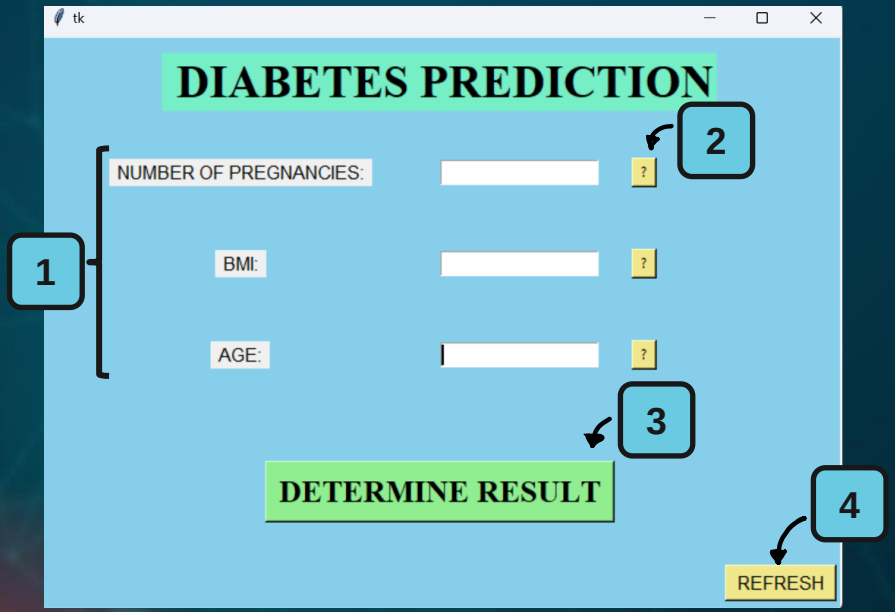
WHY I DECIDED TO WORK ON THIS PROJECT

This project enabled me to put bio sciences and mathematics into practical application using AI technology so I decided to choose it.

ABOUT APP...

USING THE APP

ROOT/MAIN WINDOW



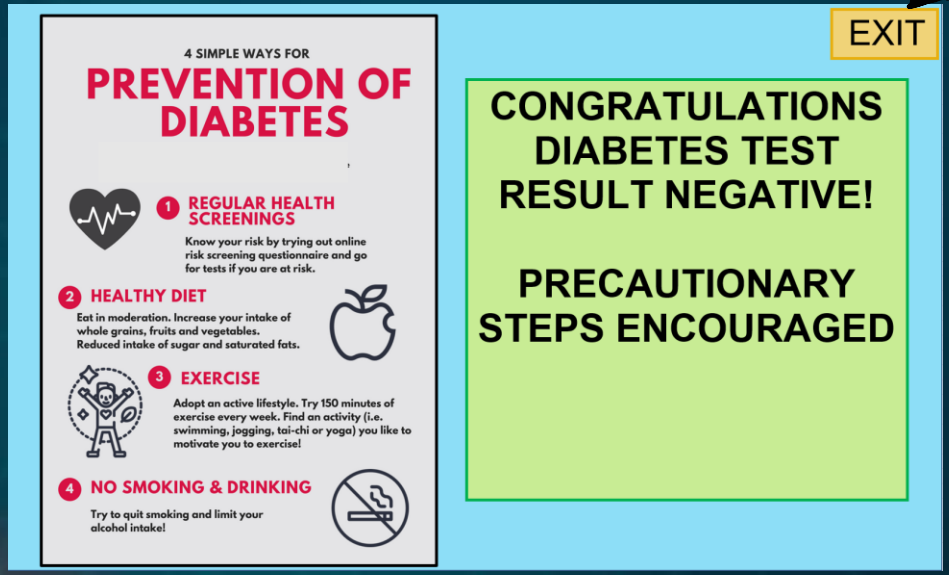
1. Parameters for diabetes prediction used by the app with their respective entry boxes.

2. Button to reveal extra information and get help with entering the required data for prediction.

3. Prediction button (to be clicked after all necessary data is entered). It will give the final result.

4. Refresh button – click to clear the entry boxes.

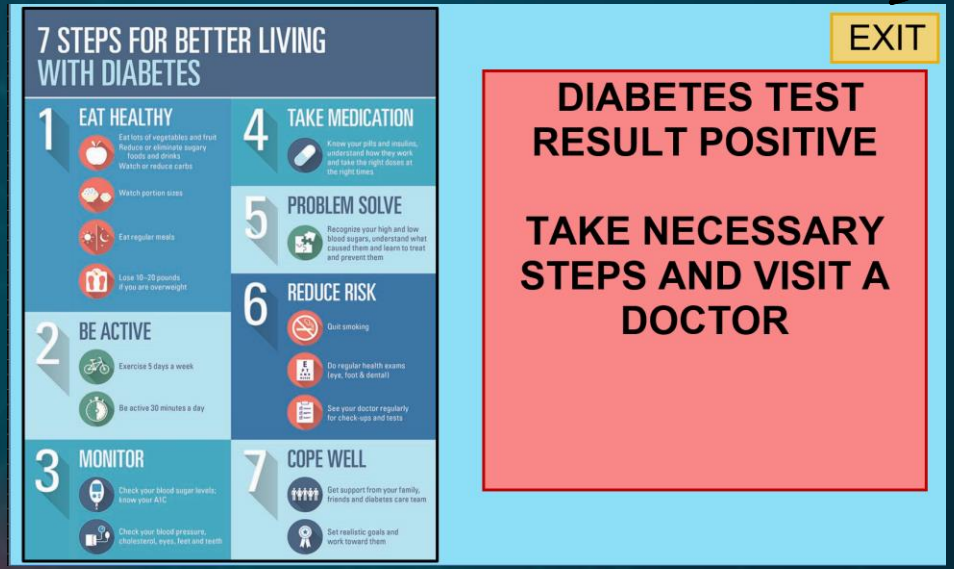
WINDOW DISPLAYED WHEN RESULT= NOT DIABETIC



Exit button- to be clicked to close the result window and return back to the root window.

Warning: these results are based on analysis of a finite dataset and not very strong determining parameters and may not be 100% accurate. Proper medical guidance is always advised in case of doubts.

WINDOW DISPLAYED WHEN RESULT= DIABETIC



Exit button- to be clicked to close the result window and return back to the root window.

Warning: these results are based on analysis of a finite dataset and not very strong determining parameters and may not be 100% accurate. Proper medical guidance is always advised in case of doubts.

DEMO VIDEO

Toolkit Walkthrough

https://d.docs.live.net/0a406949f6f7d214/Documents/Megha/clevered%20internship%20programme/Diabetes%20prediction%20app/Deliverables/AI-App%20Development%20Toolkit%20Workbook%20(1).xlsx

CONTACTS

Reach out to me through:-
Email – meghavarma2005@gmail.com
For any questions, concerns, and suggestions about the App.

THANKS!