

# DIABETES PREDICTION APP

Steve Binu Thomas



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**About App**

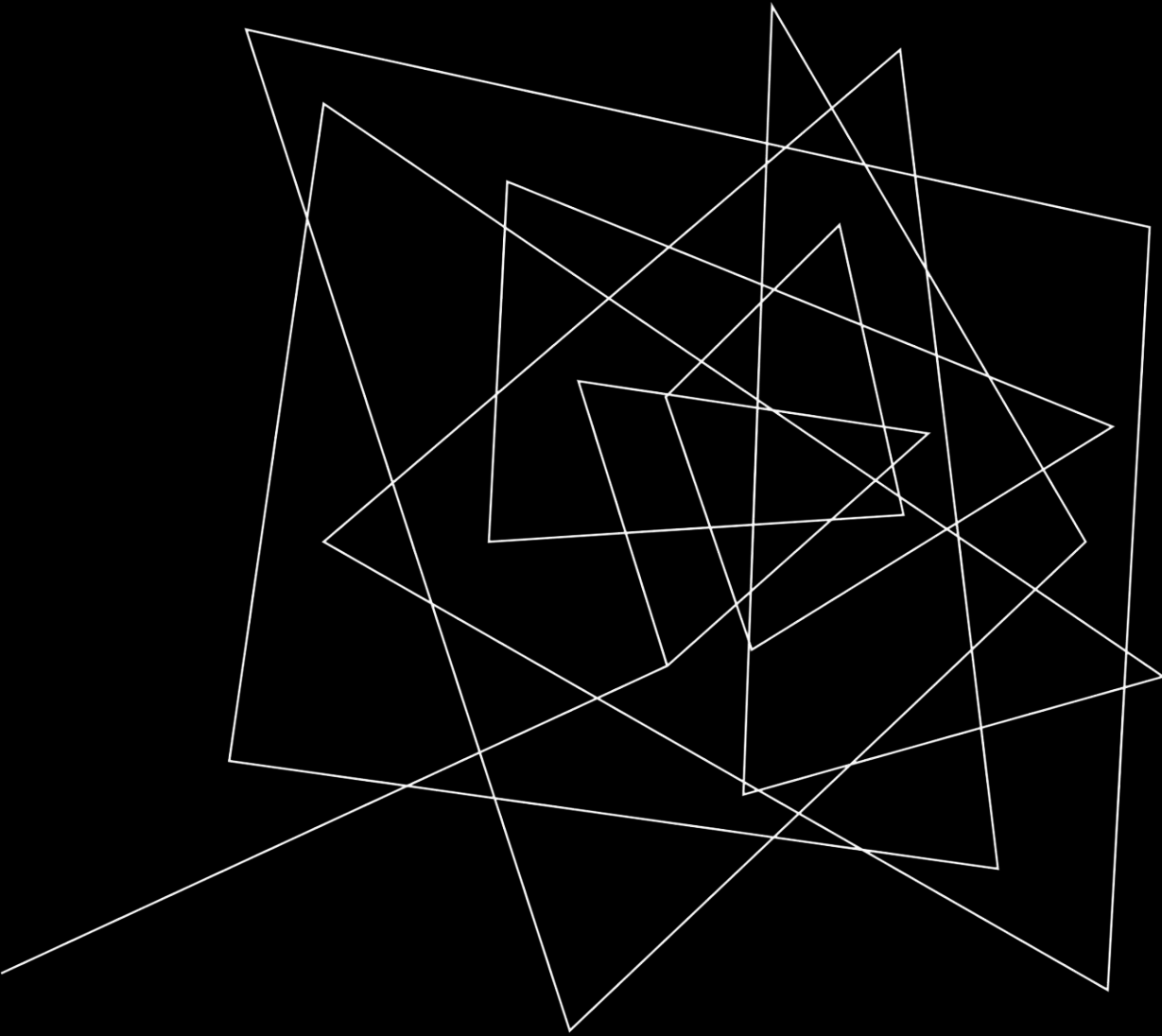
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# ACKNOWLEDGEMENT

- **A small vote of thanks for all who have helped you in this journey of App Development – My parents, Mrs.Shivani and Mrs. Smita ,Dr. Ken Kahn, Group Members, Friends, Sites etc.**

# ABOUT ME..



- **My name is Steve Binu Thomas . I am currently 16.5 years old and am living in Uae**

# ABOUT MY INTERNSHIP JOURNEY WITH CLEVERED..

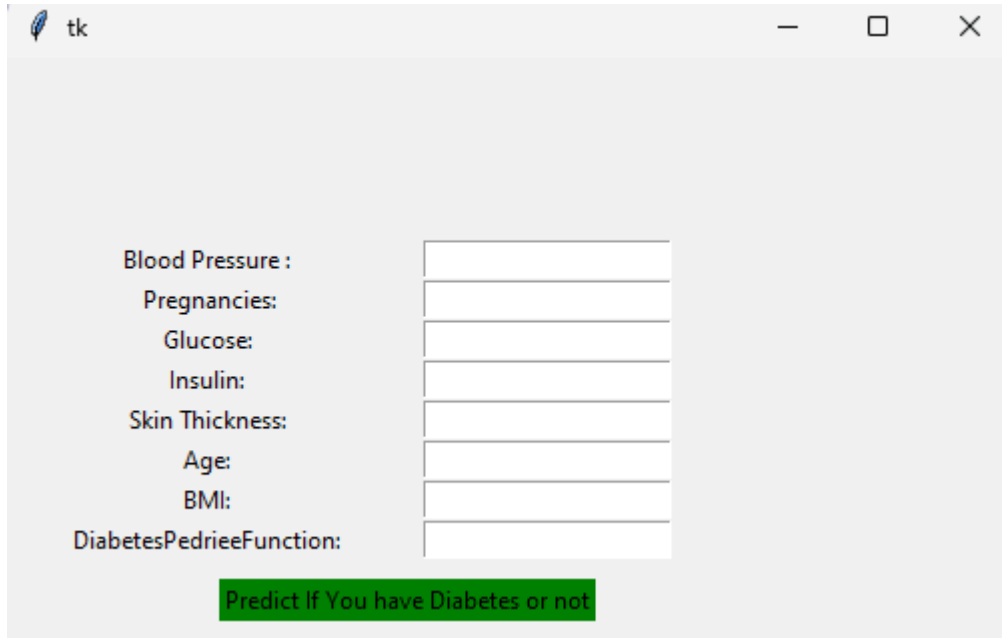
- **It was really amazing because I learned a lot . Overall was really good also with the trainer aswell.**

# ABOUT APP..

**The app is called Diabetes Prediction .  
It will predict if you have diabetes ,  
pre-diabetes etc**

- I chose this project because I have seen within my family my grandparents and my father having to live with diabetes.
- I am willing to try to contribute by helping people by using this app by predicting if they have diabetes using the datasets.
- It will be of great help to the people in the society especially for those who are in need because Diabetes is a killer disease.

# HOW TO USE THE APP



A screenshot of a Tkinter application window titled "tk". The window contains a list of input fields for medical data, each with a label to its left and a corresponding text entry box to its right. The labels are: "Blood Pressure :", "Pregnancies:", "Glucose:", "Insulin:", "Skin Thickness:", "Age:", "BMI:", and "DiabetesPedreeFunction:". Below these fields is a green button with the text "Predict If You have Diabetes or not".

Label	Input Field
Blood Pressure :	<input type="text"/>
Pregnancies:	<input type="text"/>
Glucose:	<input type="text"/>
Insulin:	<input type="text"/>
Skin Thickness:	<input type="text"/>
Age:	<input type="text"/>
BMI:	<input type="text"/>
DiabetesPedreeFunction:	<input type="text"/>

Over here you can type everything which is given like age , bmi etc

A series of white, thin, overlapping geometric lines and polygons on a black background, located on the left side of the slide.

# APP TOOLKIT WORKBOOK



Project Requirements		
S. No.	Requirement/ Feature	Completed
1	To collect the data for the diabetes prediction	done
2	Trying to identify the features	done
3	To train the machine learning model for the diabetes prediction and its types	done
4	Designing the screen for the diabetes prediction app	done

## Checking If You have Diabetes or Not?

Enter Your Diabetes :-

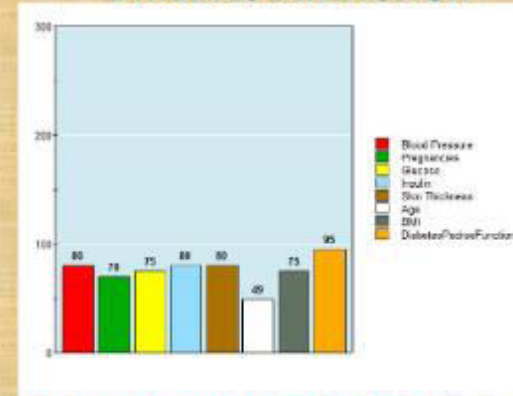
Blood Pressure -

Pregnancies -

Glucose -

Insulin -

## DIABETES PREDICTION



You should take care of yourself if you have **Pre-Diabetes**. Consult a Doctor !!!

## Event Handlers Matrix

S. No.	Element	Action	What happens?
2	Blood pressure	*type*	Blood Pressure is bit to high
3	Glucose	*type*	Glucose is very low
4	BMI	*type*	BMI is medium
5	Insulin	*type*	No Insulin

Test Plan							
S. No.	Element	Action	What happens?	Tested	Results	Pass/Fail	Corrected
2	Blood press	*type*	Blood Pressure is bit to high	No	-	-	-
3	Glucose	*type*	Glucose is very low	No	-	-	-
4	BMI	*type*	BMI is medium	No	-	-	-
5	Insulin	*type*	None	No	-	-	-

## CONTACT INFORMATION

- Please reach out to student name at student's email address for any questions/ concerns/ suggestions on the  
**Instagram :- fr\_s1ge**

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# THANK YOU