

COLLEGE OF COMPUTING, INFORMATICS AND MATHEMATICS UNIVERSITI TEKNOLOGI MARA MERBOK, KEDAH

DIPLOMA IN LIBRARY INFORMATICS
(IM144)

PROGRAMMING FOR LIBRARIES (IML208)

INDIVIDUAL ASSIGNMENT: "INDIVIDUAL PROGRAM"

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SUBMISSION DATE: 4 JANUARY 2024

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Programme code: CDIM144

Faculty / Campus: COLLEGE OF COMPUTING, INFORMATICS AND MATHEMATICS

*Students are required to sign one pledge for each course taken.

ACKNOWLEDGEMENT

First of all, I wanted to express my heartfelt gratitude to my family, particularly my parents, for their unwavering support in completing this assignment on time. It took a lot of effort on my part to complete it, but I couldn't have done it without the assistance of several key figures. This assignment would not have been completed without their assistance and direction, so I would like to thank everyone who has assisted me.

Thank you to SIR AIRUL SHAZWAN BIN NORSHAHIMI for directing me in the right direction and for his opinion that I should complete this task following the guidelines that we were given. A special thanks also goes to my classmates, who have been there for me throughout this process.

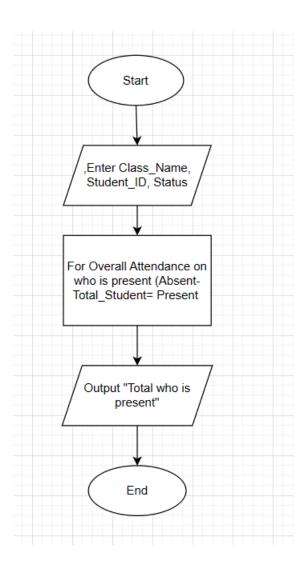
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1.0 Introduction

In this individual assignment that has been given, I will be doing a program called "Student Attendance". The reason I made this program is because this can make the teacher key in the data about their student attendance easier as the report will be important for the school data. This also can make the teacher become more aware of how many of their absent student.

2.0 Flowchart



3.0 Code

```
# attendance.py >...
i import tkinter as tk
import twinter as tk
import twinter as tk
import twisql.connector

# Connect to your MySQL database
mydb = mysql.connector.connect(
host=localhost",
user="root",
a password="",
database="student_attendance"

# mycursor = mydb.cursor()

# student info
Class Name = class name spinbox.pet()
Status = status_spinbox.get()
Status = status_spinbox.get()

# student ID = student_id_entry.pet()

# student ID = student_id_entry.pet()

# student info
present = int(absent_spinbox.get())

# student info
# mycursor = mydb.cursor()

# student_id_entry.pet()
# student_info
```

```
# Rest of your GUI code remains unchanged
window = tk.*tk()
window.geometry ('500x400')

# window.geometry ('500x400')

# rame = tk.Frame(window)

# frame.pack()

# student info
# student info
# student info frame.grid(row=0, column=0, padx=20, pady=10)

# # rame
# rame spinbox = tk.tabel(student_info_frame, text="Class_Name")
# class_name_label = tk.tabel(student_info_frame, values=["", "Zuhal", "Marikh", "Musytari"])
# class_name_spinbox = tk.spinbox (student_info_frame, values=["", "Zuhal", "Marikh", "Musytari"])
# class_name_spinbox = tk.spinbox (student_info_frame, values=["", "Zuhal", "Marikh", "Musytari"])
# student_id_label = tk.tabel(student_info_frame, text="Student_ID")
# student_id_label_grid(row=0, column=0)

# student_id_label_grid(row=0, column=1)
# student_id_entry_grid(row=1, column=0)

# status_label = tk.tabel(student_info_frame, text="Status")
# status_label_grid(row=2, column=0)

# status_label_grid(row=3, column=0)

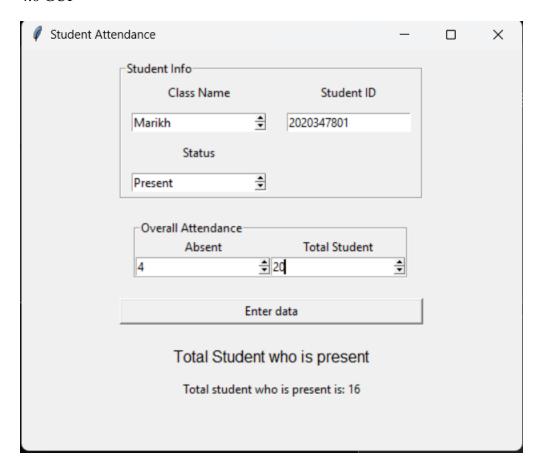
# status_label_grid(row=0, column=0)

# status_label_grid(row=0, column=0)

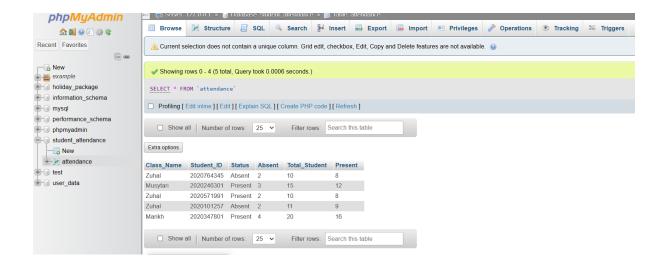
# status_label_grid(row=0, column=0)

# status_label_grid(row=0, col
```

4.0 GUI



5.0 Database



6.0 Conclusion

In conclusion, this assignment has made me more dependent on how to do certain things and make more use of the internet than I could have imagined. But with self-learning, this assignment has made me more knowledgeable than before. In the end, I couldn't have finished this assignment without the help of my precious friends, my lecturer and ChatGPT; without them, I couldn't have imagined finishing this assignment.