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MERBOK, KEDAH**

**FACULTY OF INFORMATION SCIENCE STUDIES,
COLLEGE OF COMPUTING,
INFORMATICS AND MEDIA STUDIES
DIPLOMA IN LIBRARY INFORMATICS (CDIM144**

**PROGRAMMING FOR LIBRARIES (IML208)
GROUP PROJECT- ONLINE CINEMA TICKET
CLASS: KIM1443B**

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1.0 Introduction

Regarding our assignment, we need four functions to be included in our program. The four functions are create, read, update, and delete. In this task, we need to make sure that these four can work well. In this assignment, we need to create a record to be entered into our database. In addition, we also need to make sure that we can use the delete button to delete the data and that we can use the update button to update the data that we have entered. In addition, we also need to make sure that the coding and our database can be well connected to each other. We also need to make sure that we can calculate the data entered by us.

For our project, we have chosen the title Cinema Tickets. The title we have chosen requires user information for the purchase of cinema tickets. In the user information contains name, age, gender, no phone, and email. Apart from that, our project also needs information about the movie showing that the user wants. In the showtime, the user needs to enter the date, movie name, time, and experience. Finally, the user also needs to make a choice about which seat they want to sit in the cinema. They can also choose how many children and adults there are. In our project, this also requires the calculation of all the total prices.

2.0 Problem Statement

Usually, most people like to go to the cinema with their families. So, they will go to the counter together to buy tickets. However, it is quite difficult for parents with small children to buy tickets at the counter. This will be difficult for them because they will need to queue to make a ticket purchase. If the person wants to make a choice, the other person has to queue for a long time just because they have to wait for the person to make a choice. Not only that, when they want to go to the cinema to see a movie but suddenly the tickets are sold out, it is just wasting their energy and time.

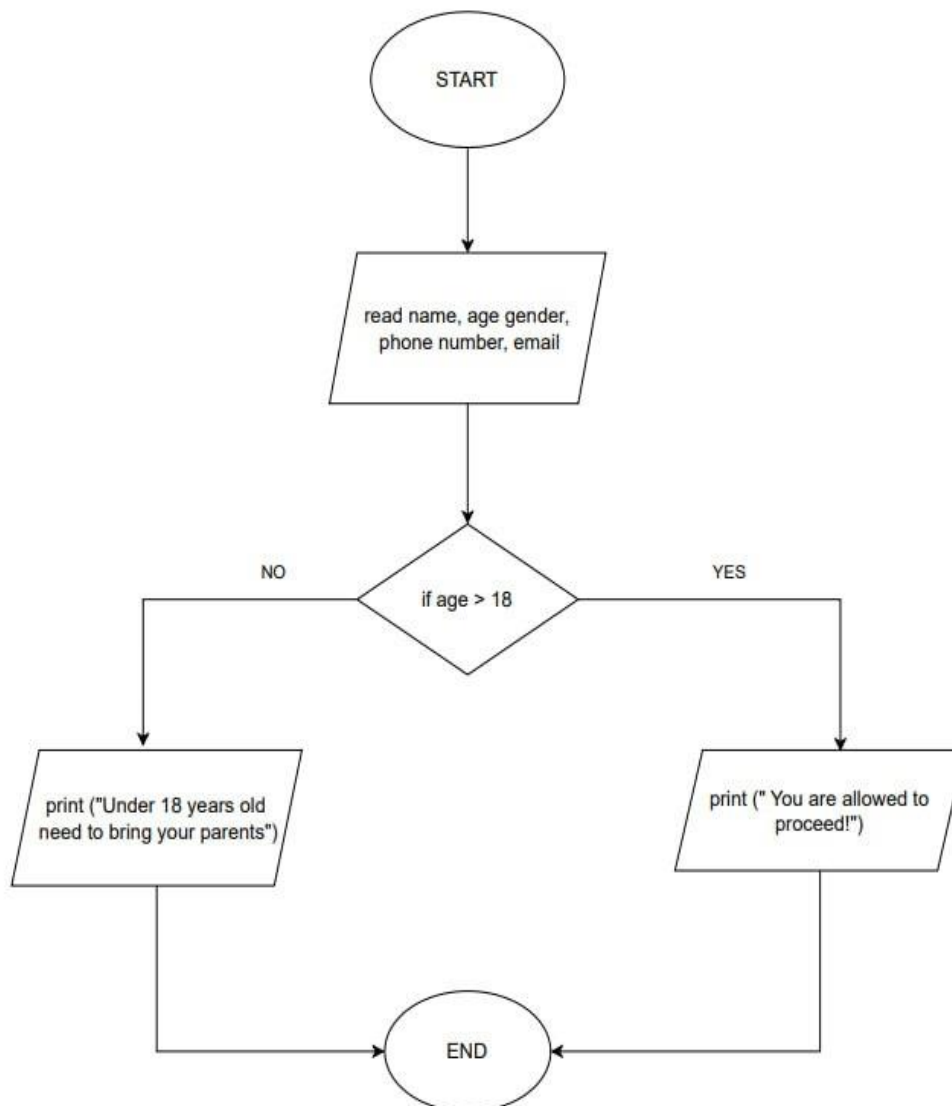
Therefore, in our assignment, we have found a way to overcome this problem. To make it easier for the public, they can buy cinema tickets online. Buyers need to enter their name and all their information online. For those who accidentally entered incorrect information, they can simply press the delete button to remove all their incorrect information. They can also choose the story they want without having to waste the time of people behind them waiting for them to make a decision to choose a movie. In addition, they can also choose which seat they want. Those who want to sit together can choose a pair of seats, and those with families can choose multiple seats. They can see and make a seat choice just by being at home. They can choose how many children and adults they want. Finally, they can make payments online without having to bother queuing or withdrawing money.

3.0 Objectives

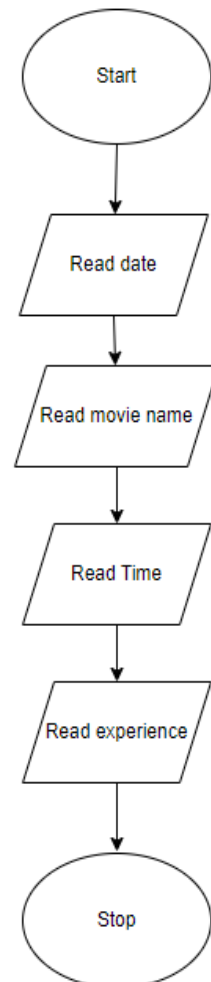
- i. Make it easier for buyers to make choices.
- ii. Buyers do not have to wait in long lines
- iii. Make it easy for buyers to enter their information
- iv. Save the buyer's time to make payment

4.0 Flowchart

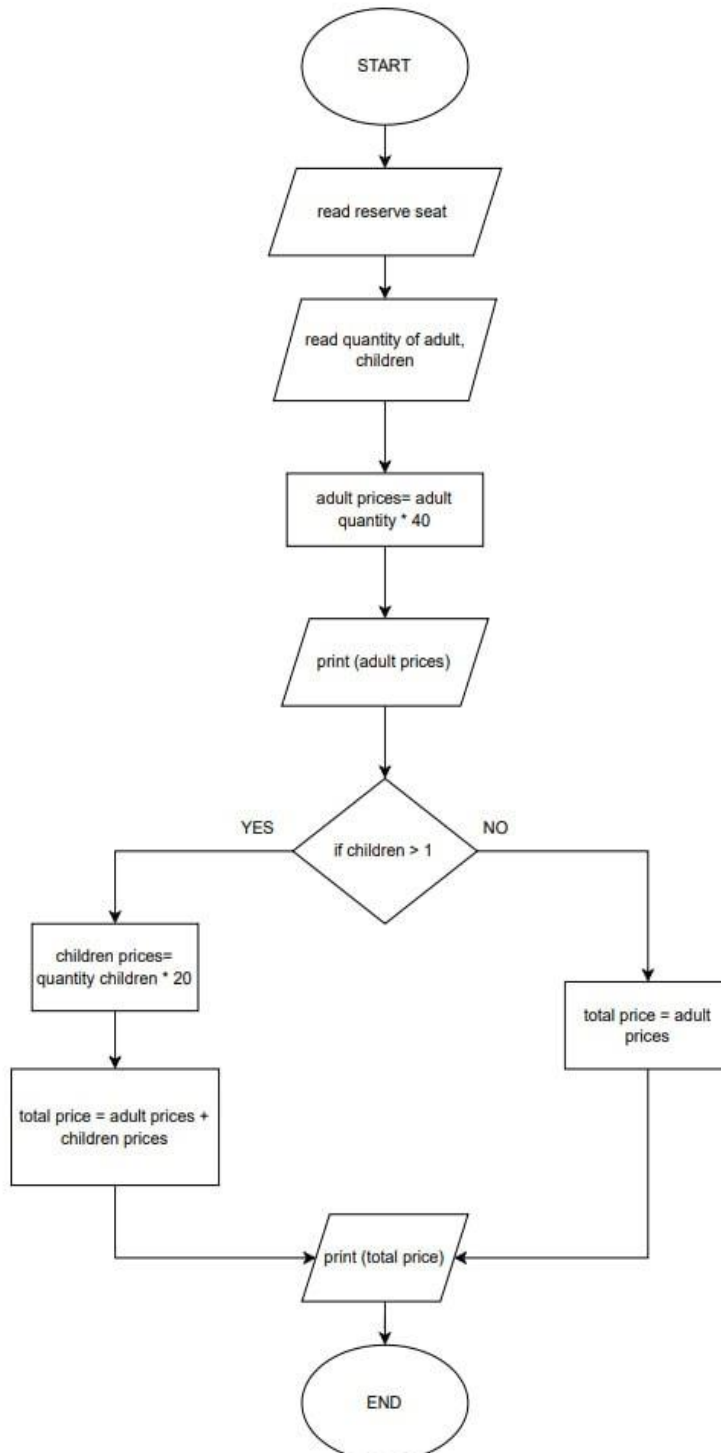
4.1 User Information



4.2 Showtime Selection



4.3 Seat on Cinema



5.0 Snapshot Code

5.1 Main Page

```
main_GSCticket.py • registration_module.py • showtime_movie.py • reserve_seat.py • icing_noyen.jpg
main_GSCticket.py > RootApp
1 import tkinter as tk
2 from tkinter import ttk
3 import subprocess
4
5
6 class RootApp:
7
8     def __init__(self, root):
9         self.root = root
10        self.root.title("GSC Ticket Booking")
11        self.root.geometry("300x200")
12        self.root.configure(background="#88AB8E")
13
14
15
16        welcome_label = tk.Label(root, text='WELCOME TO THE GSC', font=("Times New Romans", 9, "bold"), bg="#88AB8E")
17        welcome_label.pack()
18
19        registration_button = tk.Button(root, text="User Registration", command=self.on_register_click, bg="#EEE7DA")
20        registration_button.pack(pady=10)
21
22
23        showtime_button = tk.Button(root, text="Showtime", command=self.on_showtime_click, bg="#EEE7DA")
24        showtime_button.pack(pady=10)
25
26        seat_button = tk.Button(root, text="Select Seat", command=self.on_select_seat_click, bg="#EEE7DA")
27        seat_button.pack(pady=10)
28
29
30
31        def on_register_click(self):
32            subprocess.run(["python", "registration_module.py"])
33
34        def on_showtime_click(self):
35            subprocess.run(["python", "showtime_movie.py"])
36
37        def on_select_seat_click(self):
38            subprocess.run(["python", "reserve_seat.py"])
39
40
41
42
43
44 if __name__ == "__main__":
45     root = tk.Tk()
46     app = RootApp(root)
47     root.mainloop()
```


5.2 User Registration

```
registration_module.py > register > create_widgets
1  import tkinter
2  from tkinter import ttk
3  from tkinter import messagebox
4  from tkinter import *
5  import mysql.connector
6
7
8
9  # Connect to your MySQL database
10 mydb = mysql.connector.connect(
11     host="localhost",
12     user="root",
13     password="",
14     database="gsc_ticket"
15 )
16
17 # Create a cursor object to execute SQL queries
18 mycursor = mydb.cursor()
19
20
21 root = tkinter.Tk()
22
23 root.title("User Registration")
24 root.geometry("400x230")
25 root.configure(background="#88AB8E")
26
27
28 class register(tkinter.Frame):
29
30     def __init__(self, root):
31         super().__init__(root)
32         self.root = root
33         self.pack()
34         self.create_widgets()
35
36     def create_widgets(self):
37         # Add registration form widgets
38         frame = tkinter.Frame(root)
39         frame.pack()
40
41         # user detail
42         user_info_frame = tkinter.LabelFrame(frame, text="User Registration", bg="#88AB8E")
43         user_info_frame.grid(row=0, column=0)
44
45         self.name_label = tkinter.Label(user_info_frame, text=" Name", bg="#88AB8E")
46         self.name_label.grid(row=0, column=0)
47         self.name_entry = tkinter.Entry(user_info_frame, bg="#EEEE7DA")
48         self.name_entry.grid(row=1, column=0)
49
50         self.age_label = tkinter.Label(user_info_frame, text=" Age", bg="#88AB8E")
51         self.age_label.grid(row=0, column=1)
52         self.age_spinbox = tkinter.Spinbox(user_info_frame, from_=0, to=55, bg="#EEEE7DA")
53         self.age_spinbox.grid(row=1, column=1)
54
55         self.gender_label = tkinter.Label(user_info_frame, text="Gender", bg="#88AB8E")
56         self.gender_label.grid(row=0, column=2)
57
58         # Use IntVar to store the state of the Checkbutton
59         self.gender_var = tkinter.IntVar()
60         self.gender_check_male = tkinter.Checkbutton(user_info_frame, text="Male", variable=self.gender_var, bg="#88AB8E")
61         self.gender_check_male.grid(row=1, column=2)
62
63         self.gender_check_female = tkinter.Checkbutton(user_info_frame, text="Female", bg="#88AB8E")
64         self.gender_check_female.grid(row=1, column=4)
65
66         self.no_phone_label = tkinter.Label(user_info_frame, text="Phone Number", bg="#88AB8E")
67         self.no_phone_label.grid(row=2, column=0)
68         self.no_phone_entry = tkinter.Entry(user_info_frame, bg="#EEEE7DA")
69         self.no_phone_entry.grid(row=3, column=0)
70
71         self.email_label = tkinter.Label(user_info_frame, text="Email", bg="#88AB8E")
72         self.email_label.grid(row=2, column=1)
73         self.email_entry = tkinter.Entry(user_info_frame, bg="#EEEE7DA")
74         self.email_entry.grid(row=3, column=1)
75
76         self.submit_button = tkinter.Button(root, text="Submit", background="gray", command=self.submit_data, bg="#EEEE7DA")
77         self.submit_button.pack(side=LEFT, padx=(10,5), pady=10)
78
79         self.delete_button = tkinter.Button(root, text="Delete", command=self.delete_data, bg="#EEEE7DA")
80         self.delete_button.pack(side=LEFT, padx=5, pady=10)
81
82         self.back_button = tkinter.Button(root, text="Back to Main Menu", command=self.back_to_main_menu, bg="#EEEE7DA")
83         self.back_button.pack(side=LEFT, padx=(5,10), pady=10)
84
85     def delete_data(self):
```

```

86 mydb = mysql.connector.connect(
87     host="localhost",
88     user="root",
89     password="",
90     database="gsc_ticket"
91 )
92
93 mycursor = mydb.cursor()
94
95 # Get the total count of rows in the database
96 mycursor.execute("SELECT COUNT(*) FROM user_registration")
97 count = mycursor.fetchone()[0]
98
99 if count > 0:
100     # Delete the last row in the database
101     sql = "DELETE FROM user_registration ORDER BY name DESC LIMIT 1"
102     mycursor.execute(sql)
103     mydb.commit()
104     print("Last record deleted.")
105 else:
106     print("No records to delete.")
107
108 mycursor.close()
109 mydb.close()
110
111
112

```

```

113 def submit_data(self):
114
115
116     if not self.name_entry.get():
117         tkinter.messagebox.showwarning(title="Error", message="Name is required.")
118         return
119
120     age_int = self.age_spinbox.get()
121
122     age = int(age_int)
123
124     if age >= 18:
125         note_label = tkinter.Label (root, text="You are allowed to proceed!", font=("Times New Roman", 10, "italic"))
126         note_label.pack(pady=5)
127     else:
128         note_label = tkinter.Label(root, text="Under 18 years old need to bring your parents.", font=("Times New Roman", 10, "italic"))
129         note_label.pack(pady=5)
130
131     print("Name:", self.name_entry.get())
132     print("Age:", self.age_spinbox.get())
133     print("Gender:", self.gender_var.get())
134     print("Phone Number:", self.no_phone_entry.get())
135     print("Email:", self.email_entry.get())
136
137
138     # Get the value of the Checkbutton using get()
139     gender = "Male" if self.gender_var.get() else "Female"
140

```

```

141
142     # To insert your Data to your database
143     sql = "INSERT INTO user_registration (Name, Age, Gender, Phone_Number, Email) VALUES (%s, %s, %s, %s, %s)"
144     val = (self.name_entry.get(), self.age_spinbox.get(), gender, self.no_phone_entry.get(), self.email_entry.get())
145     mycursor.execute(sql, val)
146     mydb.commit()
147
148     mycursor.close()
149     mydb.close()
150
151
152 def back_to_main_menu(self):
153     self.root.destroy()
154
155
156 if __name__ == "__main__":
157     app = register(root)
158     root.mainloop()

```

5.3 Showtime Selection

```
showtime_movie.py > Showtime_movie > create_widgets
1 import tkinter
2 from tkinter import ttk
3 from tkcalendar import DateEntry
4 from tkinter import *
5 import mysql.connector
6
7 # Connect to your MySQL database
8 mydb = mysql.connector.connect(
9     host="localhost",
10    user="root",
11    password="",
12    database="gsc_ticket"
13 )
14
15 # Create a cursor object to execute SQL queries
16 mycursor = mydb.cursor()
17
18 root = tkinter.Tk()
19 root.title("Showtime Movie")
20 root.configure(background="#88AB8E")
21
22 class Showtime_movie(tkinter.Frame):
23
24     def __init__(self, root):
25         super().__init__(root)
26         self.root = root
27         self.pack()
28         self.create_widgets()
29
30     def create_widgets(self):
31         # Add registration form widgets
32         frame = tkinter.Frame(root, background="#88AB8E")
33         frame.pack()
34
35         showtime_frame = tkinter.LabelFrame(frame, text = "Showtime", bg="#88AB8E")
36         showtime_frame.grid (row= 0, column= 0, padx=5, pady= 5)
37
38         def pick_date():
39             top = tkinter.Toplevel(showtime_frame)
40             cal = DateEntry(top, font="Arial 8", selectmode="day", locale="en_US")
41             cal.pack(fill="both", expand=True)
42
43             def on_date_selected():
44                 self.date_label.set(cal.get_date())
45                 top.destroy()
46
47             button_ok = tkinter.Button(top, text="OK", command=on_date_selected)
48             button_ok.pack()
49
50         self.date_label = tkinter.StringVar()
51         self.date_label.set("Select Date")
52         self.date_entry = tkinter.Entry(showtime_frame, textvariable=self.date_label)
53         self.date_entry.grid(row=2, column=0, padx=10, pady=10)
54
55         self.button_pick_date = tkinter.Button(showtime_frame, text="Pick Date", background= "#EEE7DA", command=pick_date)
56         self.button_pick_date.grid(row=3, column=0, padx=5, pady=5)
57
58         #button to pick date
59         self.movie_label=tkinter.Label(showtime_frame,text="Movie Name", bg="#88AB8E")
60         self.movie_label.grid(row=1, column= 1, padx=5, pady=5)
61         self.mv_combobox = ttk.Combobox (showtime_frame, values = ["Aquaman", "Endless Journey"])
62         self.mv_combobox.grid(row=2, column= 1, padx=5, pady=5)
63
64         # list time
65         self.time_label=tkinter.Label(showtime_frame, text='Time', bg="#88AB8E")
66         self.time_label.grid(row=1, column=2, padx=5, pady=5)
67
68         self.options_list = ["10:00 a.m - 12:15 p.m", "4:00 p.m - 6:00 p.m", "8:00 p.m-10:00 p.m", "9:00 p.m -12:00 p.m"]
69
70         self.value_inside = tkinter.StringVar(showtime_frame)
71         self.value_inside.set("Select Your Time")
72
73         self.time_menu = tkinter.OptionMenu(showtime_frame, self.value_inside,*self.options_list)
74         self.time_menu.grid(row=2,column=2, padx=5, pady=5)
75         self.time_menu.config(bg="#EEE7DA")
76         self.time_menu["menu"].config(bg="#EEE7DA")
77
78         self.exp_label=tkinter.Label(showtime_frame, text='Experience', bg="#88AB8E")
79         self.exp_label.grid(row=1, column= 3, padx=5, pady=5)
80         self.exp_combobox = ttk.Combobox (showtime_frame, values = ["Standard Class","SkyBox","PREMIERE","Onyx"])
81         self.exp_combobox.grid(row=2, column= 3, padx=5, pady=5)
82
83         # Prices List by using textbox
84         self.note_text = tkinter.Text(showtime_frame, height=15, width=30,bg="#EEE7DA")
85         self.note_text.grid(row= 0, column=1, padx=5,pady=5, sticky="nswe")
86
```

```

87     # The defined list by using pricebox
88     self.note_text.insert(tkinter.END, "Movie List and Time\n\n")
89     self.note_text.insert(tkinter.END, " Aquaman\n Time : 10:00 a.m - 12:15 p.m\n\n")
90     self.note_text.insert(tkinter.END, " Endless Journey\n Time : 4:00 p.m - 6:00 p.m\n\n")
91     self.note_text.insert(tkinter.END, " Aquaman\n Time : 8:00 p.m-10:00 p.m \n\n")
92     self.note_text.insert(tkinter.END, " Endless Journey\n Time : 9:00 p.m -12:00 p.m\n\n")
93     self.note_text.configure(state='disabled')
94
95     def submit_data():
96         sql = "INSERT INTO showtime_selection (Date_label,Movie_label,Time_label,Experience_label) VALUES (%s, %s, %s, %s)"
97         val = (self.date_entry.get(),self.mv_combobox.get(),self.value_inside.get(),self.exp_combobox.get())
98         mycursor.execute(sql, val)
99         mydb.commit()
100
101     def update():
102         date = self.date_entry.get()
103         movie = self.mv_combobox.get()
104         time = self.value_inside.get()
105         experience = self.exp_combobox.get()
106
107         mydb = mysql.connector.connect(
108             host="localhost",
109             user="root",
110             password="",
111             database="gsc_ticket"
112         )
113         mycursor = mydb.cursor()
114

```

```

115     # Get the total count of rows in the database
116     mycursor.execute("SELECT COUNT(*) FROM showtime_selection")
117     count = mycursor.fetchone()[0]
118
119     if count > 0:
120         # Update the last row in the database
121         sql = "UPDATE showtime_selection SET Date_label= %s, Movie_label = %s, Time_label= %s,Experience_label= %s WHERE Date_label= %s"
122         val = (date,movie,time,experience)
123         mycursor.execute(sql, val)
124         mydb.commit()
125         print("Update Record.")
126     else:
127         print("No records to update.")
128
129
130     def back_to_main_menu():
131         self.root.destroy()
132
133
134     self.submit_button = tkinter.Button(root, text='Submit', command=submit_data, bg="#EEE7DA")
135     self.submit_button.pack(side=LEFT,padx=5, pady=10)
136
137     self.update_button = tkinter.Button(root, text='Update', command=update, bg="#EEE7DA")
138     self.update_button.pack(side=LEFT,padx=5, pady=10)
139
140     self.back_button = tkinter.Button(root, text='Back to Main Menu', command=back_to_main_menu, bg="#EEE7DA")
141     self.back_button.pack(side=LEFT,padx=5, pady=10)
142

```

```

Date_label= %s, Movie_label = %s, Time_label= %s,Experience_label= %s WHERE Date_label= %s"

```

```

142
143
144     if __name__ == "__main__":
145         app = Showtime_movie(root)
146         root.mainloop()
147
148

```

5.4 Seat on Cinema

```
reserve_seat.py > Reserve_seat > create_widgets
1  # Import the required libraries
2  import tkinter
3  from tkinter import ttk
4  from tkinter import *
5  from PIL import Image, ImageTk
6  import mysql.connector
7
8  mydb = mysql.connector.connect(
9      host="localhost",
10     user="root",
11     password="",
12     database="gsc_ticket"
13 )
14
15
16 mycursor = mydb.cursor()
17
18 root = tkinter.Tk()
19 root.title("Selected Seat")
20 root.configure(background="#88AB8E")
21
22
23 class Reserve_seat(tkinter.Frame):
24
25     def __init__(self, root):
26         super().__init__(root)
27         self.root = root
28         self.my_img = None
29         self.pack()
30         self.create_widgets()
31
32     def calculate_total(self):
33         quantity_adult = int(self.adult_quantity_box.get())
34         adult_prices= quantity_adult * 40
35
36         children= int(self.children_quantity_box.get())
37
38         if children > 1:
39             child_prices= children * 20
40             total_price= (adult_prices + child_prices)
41
42         else:
43             total_price= (adult_prices)
44
45         self.total_output_label.config(text=f"Total Price: RM {total_price}")
46
47     def save_data(self):
48         reserve_seat = self.type_of_seat_combo.get()
49         quantity_adult = int(self.adult_quantity_box.get())
50         quantity_children = int(self.children_quantity_box.get())
51
52         self.calculate_total()
53
54         # To insert data into database, modify the following lines:
55         sql = "INSERT INTO customer_seat_cinema (reserve_seat, quantity_of_adult , quantity_of_children, total_price) VALUES (%s, %s, %s, %s)"
56         val = (self.type_of_seat_combo.get(), self.adult_quantity_box.get(), self.children_quantity_box.get(), self.total_output_label.cget("text"))
57
58         mycursor.execute(sql, val)
59         mydb.commit()
60
61
62     def create_widgets(self):
63
64         image=Image.open('icing_noyen.jpg')
65         img=image.resize((350, 250))
66         self.my_img=ImageTk.PhotoImage(img)
67         label=Label(self.root, image=self.my_img)
68         label.pack()
69
70         self.frame= tkinter.Frame(self.root, bg="#88AB8E")
71         self.frame.pack()
72
73         self.reserve_seat_frame =tkinter.LabelFrame(self.frame, text="Seat on Cinema", bg="#88AB8E")
```

```

74     self.reserve_seat_frame.grid(row= 1, column=0, padx=20, pady=20)
75
76
77     self.reserve_seat_label= tkinter.Label(self.reserve_seat_frame, text="Reserve Seat", bg="#88A88E")
78     self.reserve_seat_label.grid(row=0, column= 1,padx=5, pady=5)
79     number_of_seat=tkinter.StringVar()
80     self.type_of_seat_combo = ttk.Combobox(self.reserve_seat_frame, values=["A1", "A2", "A3", "A4", "A5", "A6", "B1", "B2", "B3", "B4",
81     "B5", "B6", "B7", "B8"])
82     self.type_of_seat_combo.grid(row=1, column=1, padx=5, pady=5)
83
84     self.quantity_adult_label = tkinter.Label(self.reserve_seat_frame, text ='Adult', bg="#88A88E")
85     self.quantity_adult_label.grid(row=0, column=3, padx=5, pady=5)
86     self.adult_quantity_box = tkinter.Spinbox(self.reserve_seat_frame, from_= 1, to = 30, bg="#EEE7DA")
87     self.adult_quantity_box.grid(row=1, column=3, padx=5, pady=5)
88
89     self.quantity_children_label = tkinter.Label(self.reserve_seat_frame, text ='Children', bg="#88A88E")
90     self.quantity_children_label.grid(row=0, column=2, padx=5, pady=5)
91     self.children_quantity_box = tkinter.Spinbox(self.reserve_seat_frame, from_= 0, to = 10, bg="#EEE7DA")
92     self.children_quantity_box.grid(row=1, column=2, padx=5, pady=5)
93
94     self.calculate_button = tkinter.Button(text = "Calculate", width=15, command=self.calculate_total, bg="#EEE7DA")
95     self.calculate_button.pack(side=LEFT, padx=(10,5), pady=10)
96
97     self.save_button = tkinter.Button(text = "Submit", width=15, command=self.save_data, bg="#EEE7DA")
98     self.save_button.pack(side=LEFT, padx=5, pady=10)
99
100     self.total_output_label = tkinter.Label(self.reserve_seat_frame, text="", bg="#88A88E")
101     self.total_output_label.grid(row=3, column=2, padx=5, pady=5)
102
103
104
105
106     def back_to_main_menu(self):
107         self.root.destroy()
108
109 if __name__ == "__main__":
110     app = Reserve_seat(root)
111     root.mainloop()

```

6.0 Snapshot GUI



6.1 User Information

User Registration

Name	Age	Gender
<input type="text"/>	<input type="text" value="0"/>	<input type="checkbox"/> Male <input type="checkbox"/> Female
Phone Number	Email	
<input type="text"/>	<input type="text"/>	

6.2 Showtime Selection

Showtime

Movie List and Time

Aquaman
Time : 10:00 a.m - 12:15 p.m

Endless Journey
Time : 4:00 p.m - 6:00 p.m

Aquaman
Time : 8:00 p.m-10:00 p.m

Endless Journey
Time : 9:00 p.m -12:00 p.m

Movie Name	Time	Experience
<input type="text" value="Select Date"/>	<input type="text" value="Select Your Time"/>	<input type="text"/>

6.3 Seat on Cinema

SCREEN

A1A2A3A4A5A6

B1B2B3B4B5B6B7B8

Seat on Cinema

Reserve Seat

Children

Adult

0

1

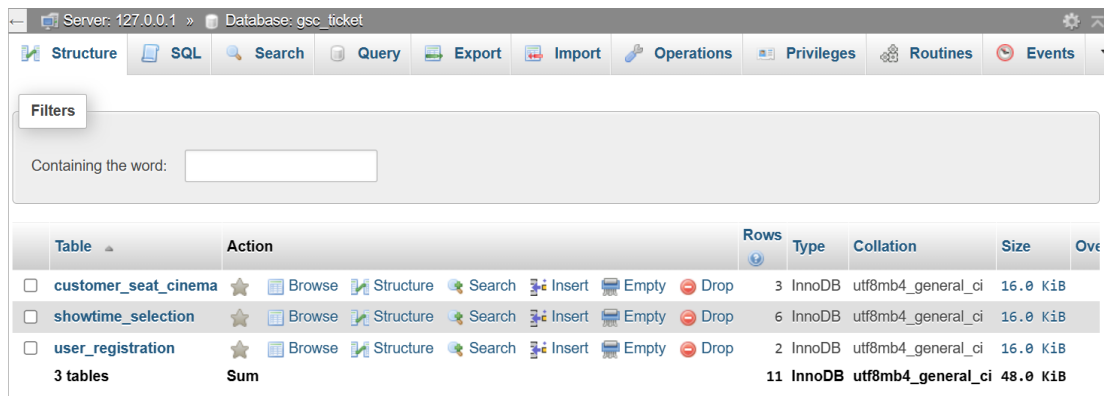
Calculate

Submit

Back to Main Menu

7.0 Snapshot Database

Database name and table name



Server: 127.0.0.1 » Database: gsc_ticket

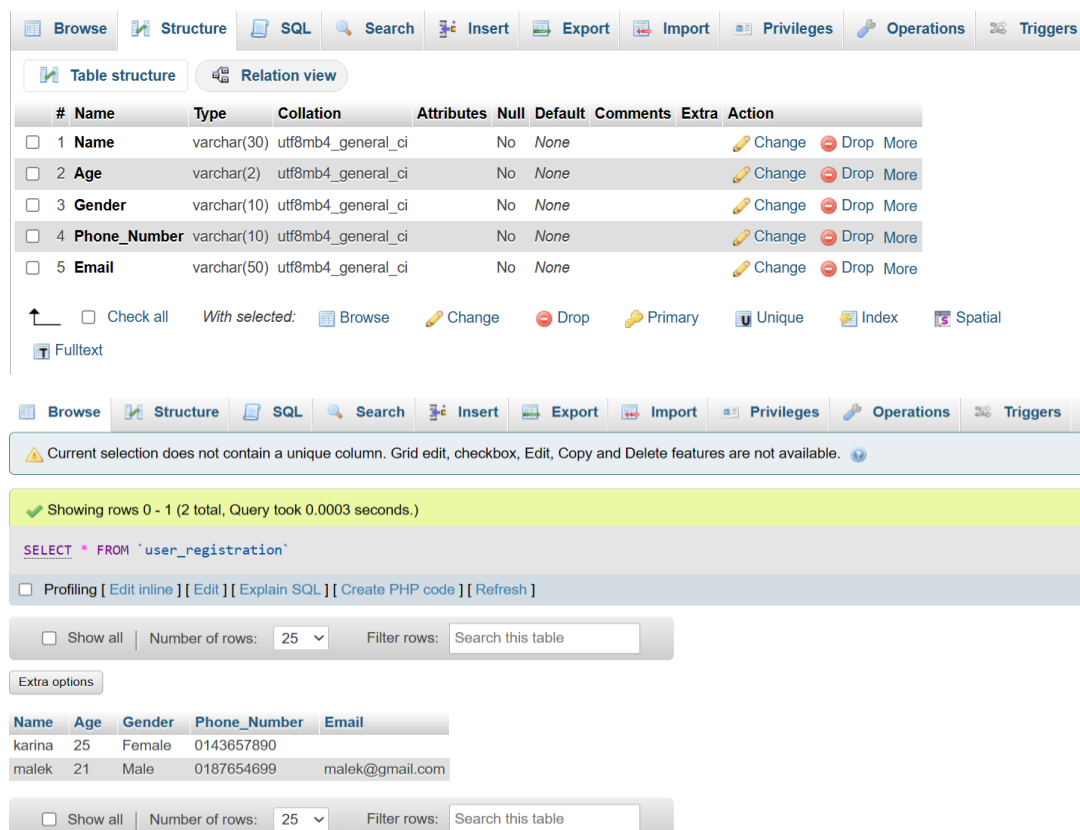
Structure SQL Search Query Export Import Operations Privileges Routines Events

Filters

Containing the word:

Table	Action	Rows	Type	Collation	Size	Over
<input type="checkbox"/> customer_seat_cinema	★ Browse Structure Search Insert Empty Drop	3	InnoDB	utf8mb4_general_ci	16.0 KiB	
<input type="checkbox"/> showtime_selection	★ Browse Structure Search Insert Empty Drop	6	InnoDB	utf8mb4_general_ci	16.0 KiB	
<input type="checkbox"/> user_registration	★ Browse Structure Search Insert Empty Drop	2	InnoDB	utf8mb4_general_ci	16.0 KiB	
3 tables	Sum	11	InnoDB	utf8mb4_general_ci	48.0 KiB	

7.1 User Registration Table



Browse Structure SQL Search Insert Export Import Privileges Operations Triggers

Table structure Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	Name	varchar(30)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/> 2	Age	varchar(2)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/> 3	Gender	varchar(10)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/> 4	Phone_Number	varchar(10)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/> 5	Email	varchar(50)	utf8mb4_general_ci		No	None			Change Drop More

Check all With selected: Browse Change Drop Primary Unique Index Spatial Fulltext

Browse Structure SQL Search Insert Export Import Privileges Operations Triggers

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Showing rows 0 - 1 (2 total, Query took 0.0003 seconds.)

SELECT * FROM `user_registration`

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all Number of rows: 25 Filter rows: Search this table

Extra options

Name	Age	Gender	Phone_Number	Email
karina	25	Female	0143657890	
malek	21	Male	0187654699	malek@gmail.com

Show all Number of rows: 25 Filter rows: Search this table

7.2 Showtime Table

Server: 127.0.0.1 » Database: gsc_ticket » Table: showtime_selection

[Browse](#) [Structure](#) [SQL](#) [Search](#) [Insert](#) [Export](#) [Import](#) [Privileges](#) [Operations](#) [Triggers](#)

[Table structure](#) [Relation view](#)

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 Date_label	varchar(30)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	2 Movie_label	varchar(30)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	3 Time_label	varchar(30)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	4 Experience_label	varchar(30)	utf8mb4_general_ci		No	None			Change Drop More

☐ Check all With selected: [Browse](#) [Change](#) [Drop](#) [Primary](#) [Unique](#) [Index](#) [Spatial](#)

[Fulltext](#)

Server: 127.0.0.1 » Database: gsc_ticket » Table: showtime_selection

[Browse](#) [Structure](#) [SQL](#) [Search](#) [Insert](#) [Export](#) [Import](#) [Privileges](#) [Operations](#) [Triggers](#)

⚠ Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

✓ Showing rows 0 - 5 (6 total, Query took 0.0004 seconds.)

```
SELECT * FROM `showtime_selection`
```

☐ Profiling [\[Edit inline \]](#) [\[Edit \]](#) [\[Explain SQL \]](#) [\[Create PHP code \]](#) [\[Refresh \]](#)

☐ Show all | Number of rows: 25 | Filter rows:

Extra options

Date_label	Movie_label	Time_label	Experience_label
2024-01-17	Endless Journey	10:00 a.m - 12:15 p.m	SkyBox
2024-01-17	Endless Journey	10:00 a.m - 12:15 p.m	Onyx
2024-01-17	Endless Journey	9:00 p.m -12:00 p.m	PREMIERE
2024-01-19	Endless Journey	9:00 p.m -12:00 p.m	PREMIERE
2024-01-22	Aquaman	10:00 a.m - 12:15 p.m	SkyBox
2024-01-22	Endless Journey	4:00 p.m - 6:00 p.m	Standard Class

7.3 Seat on Cinema Table

Server: 127.0.0.1 » Database: gsc_ticket » Table: customer_seat_cinema

[Browse](#) [Structure](#) [SQL](#) [Search](#) [Insert](#) [Export](#) [Import](#) [Privileges](#) [Operations](#) [Triggers](#)

[Table structure](#) [Relation view](#)

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 reserve_seat	varchar(20)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	2 quantity_of_adult	varchar(20)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	3 quantity_of_children	varchar(20)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	4 total_price	varchar(20)	utf8mb4_general_ci		No	None			Change Drop More

☐ Check all With selected: [Browse](#) [Change](#) [Drop](#) [Primary](#) [Unique](#) [Index](#) [Spatial](#)

[Fulltext](#)

Server: 127.0.0.1 » Database: gsc_ticket » Table: customer_seat_cinema

[Browse](#)
[Structure](#)
[SQL](#)
[Search](#)
[Insert](#)
[Export](#)
[Import](#)
[Privileges](#)
[Operations](#)
[Triggers](#)

⚠ Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

✓ Showing rows 0 - 2 (3 total, Query took 0.0004 seconds.)

```
SELECT * FROM `customer_seat_cinema`
```

☐ Profiling
 [\[Edit inline \]](#)
[\[Edit \]](#)
[\[Explain SQL \]](#)
[\[Create PHP code \]](#)
[\[Refresh \]](#)

☐ Show all | Number of rows: 25 | Filter rows:

Extra options

reserve_seat	quantity_of_adult	quantity_of_children	total_price
B1	4	2	Total Price: RM 200
A6	4	2	Total Price: RM 200
A5	3	1	Total Price: RM 120

☐ Show all | Number of rows: 25 | Filter rows:

8.0 Conclusion

In conclusion, our group succeeded in producing a GUI that meets CRUD criteria. Indirectly, by doing all these tasks, we can learn some things about it. The information entered in the database can give us knowledge about the output function of our GUI. The coding that we produce also requires a high level of knowledge. At first, when we did our assignment, there were various problems that we faced. Nevertheless, after we discussed and explored together, we were able to solve this problem. We hope that the papers we write today will be useful in the future.