

FACULTY OF INFORMATION MANAGEMENT UNIVERSITY TEKNOLOGI MARA MERBOK, KEDAH DIPLOMA IN LIBRARY INFORMATIC (IM144)

PROGRAMING FOR LIBRARIES

(IML208)

INDIVIDUAL ASSIGMENT

EVENT HALL BOOKING SYSTEM

BY:

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PREPARED FOR:
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EVENT HALL BOOKING SYSTEM

Project Name: Event Hall Booking S	ystem
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File Name: Eventbooking.py

Prompt Data:

- 1.Customer Name
- 2. Date
- 3. Time
- 4. Add Booking
- 5. Remove Booking
- 6. Check Availability
- 8. View Bookings

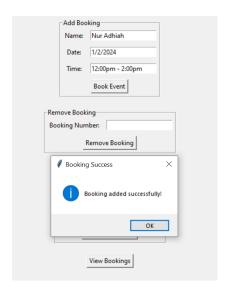
Function:

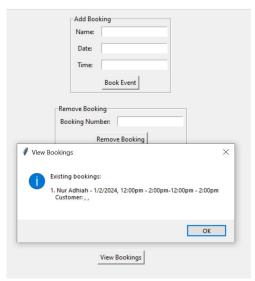
- 1. Adds a booking to the system by creating an Event and DetailCust object and checking availability.
- 2. Removes a booking from the system based on the provided booking number.
- 3. Checks the availability of the event hall for a given date and time range.
- 4. Displays the existing bookings in a message box.

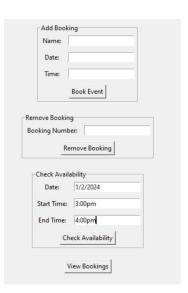
Conditional Statement: Yes

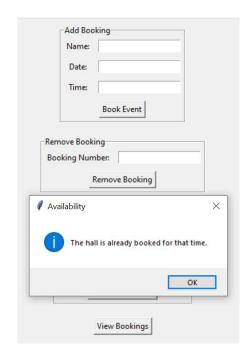
If & Else

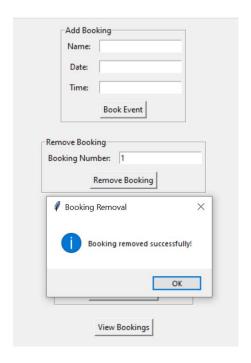
GUI: Yes











Strength:

- 1. The application provides a simple graphical user interface (GUI) for managing event hall bookings.
- 2. It allows users to add bookings, remove bookings, check availability, and view existing bookings.
- 3. The system maintains a list of bookings and provides feedback to the user through message box alerts.

Kaizen (improvement):

- 1. Add appropriate error handling for invalid user inputs, such as non-numeric values for booking numbers or incorrect date/time formats.
- 2. Implement additional input validation to ensure that the user enters valid and complete information for bookings.
- 3. Provide more detailed error messages to assist users in resolving issues, such as specifying the reason for availability conflicts.
- 4. Consider using different widget types (e.g., Calendar widget for date selection) to improve the user experience and provide more intuitive input options.
- 5.Implement a way to store the bookings persistently, such as using a database or file system, to maintain the data even after application restarts.