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UNIVERSITI
TEKNOLOGI
MARA

FACULTY COLLEGE OF COMPUTING, INFORMATICS AND MEDIA

UITM MERBOK, KEDAH

DIPLOMA IN LIBRARY INFORMATICS

(CDIM144)

PROGRAMMING FOR LIBRARIES (IML208)

INDIVIDUAL REPORT: CLASSROOM BOOKING SYSTEM

PREPARED BY:

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SUBMISSION DATE:

12TH DECEMBER 2023

Project name: BOOKING CLASSROOM SYSTEM

File name: classroombooking.py

1. Prompt data:

- I. ID
- II. Name
- III. Classrooms
- IV. Time
- V. Date

2. Function:

- I. Create data
- II. Read data
- III. Record data
- IV. Update data
- V. Delete existing data

3. Conditional statement: -

YES, which are:

- I. If
- II. Elif
- III. Else
- IV. For
- V. Return

4. GUI: -

The screenshot shows a window titled "CLASSROOM BOOKING". Inside, there is a title "CLASSROOM BOOKING" in a blue box. Below the title, there are five input fields labeled "ID", "Name", "Classrooms", "Time", and "Date". Below these fields are three buttons: "Enter", "Update", and "Delete". To the right of the input fields is a table with the following headers: "ID", "Name", "Classrooms", "Time", and "Date". The table is currently empty.

ID	Name	Classrooms	Time	Date
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The screenshot shows the same "CLASSROOM BOOKING" window, but with the input fields filled with data. The "ID" field contains "290904", the "Name" field contains "miss janice", the "Classrooms" field contains "mk 13", the "Time" field contains "2 pm - 4 pm", and the "Date" field contains "13/3/2024". The "Enter", "Update", and "Delete" buttons are still present below the fields.

290904	miss janice	mk 13	2 pm - 4 pm	13/3/2024
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5. Result: -

CLASSROOM BOOKING

ID

290904

Name

miss janice

Classrooms

mk 13

Time

2 pm - 4 pm

Date

13/3/2024

Enter

Update

Delete

ID	Name	Classrooms	Time	Date
290904	miss janice	mk 13	2 pm - 4 pm	13/3/2024

CLASSROOM BOOKING

ID

290904

Name

miss janice

Classrooms

mk 13

Time

2 pm - 4 pm

Date

13/3/2024

Enter

Update

Delete

ID	Name	Classrooms	Time	Date
290904	miss janice	mk 13	2 pm - 4 pm	13/3/2024

CLASSROOM BOOKING

ID

250504

Name

sir ben

Classrooms

TEC 12

Time

6 pm - 8 pm

Date

15/3/2024

Enter

Update

Delete

ID	Name	Classrooms	Time	Date
250504	sir ben	TEC 12	6 pm - 8 pm	15/3/2024
290904	miss janice	mk 13	2 pm - 4 pm	13/3/2024

CLASSROOM BOOKING

ID

250504

Name

sir ben

Classrooms

TEC 12

Time

6 pm - 8 pm

Date

15/3/2024

Enter

Update

Delete

ID	Name	Classrooms	Time	Date
250504	sir ben	TEC 12	6 pm - 8 pm	15/3/2024
290904	miss janice	mk 13	2 pm - 4 pm	13/3/2024

CLASSROOM BOOKING

ID

250504

Name

sir ben

Classrooms

TEC 12

Time

6 pm - 8 pm

Date

15/3/2024

Enter

Update

Delete

ID	Name	Classrooms	Time	Date
250504	sir ben	TEC 12	6 pm - 8 pm	15/3/2024
290904	miss janice	mk 13	2 pm - 4 pm	13/3/2024

CLASSROOM BOOKING

ID

250504

Name

sir ben

Classrooms

TEC 16

Time

6 pm - 8 pm

Date

15/3/2024

Enter

Update

Delete

ID	Name	Classrooms	Time	Date
250504	sir ben	TEC 16	6 pm - 8 pm	15/3/2024
290904	miss janice	mk 13	2 pm - 4 pm	13/3/2024

CLASSROOM BOOKING

ID

250504

Name

sir ben

Classrooms

TEC 16

Time

6 pm - 8 pm

Date

15/3/2024

Enter

Update

Delete

ID	Name	Classrooms	Time	Date
250504	sir ben	TEC 16	6 pm - 8 pm	15/3/2024
290904	miss janice	mk 13	2 pm - 4 pm	13/3/2024

CLASSROOM BOOKING

ID

250504

Name

sir ben

Classrooms

TEC 16

Time

6 pm - 8 pm

Date

15/3/2024

Enter

Update

Delete

ID	Name	Classrooms	Time	Date
290904	miss janice	mk 13	2 pm - 4 pm	13/3/2024

6. Strength: -

- I. Easy to create, update, and delete the data.
- II. Easy for people to understand the instructions given
- III. Allows this python to be use in a wide range of applications and devices.
- IV. Easy to manage and well organized.

7. Kaizen (Room for improvement)

- I. Make a colorful interface in the future
- II. Add image or organization's logo
- III. Make new command in the future