

UNIVERSITI TEKNOLOGI MARA KEDAH BRANCH

SCHOOL OF INFORMATION SCIENCE COLLEGE OF COMPUTING, INFORMATICS AND MATHEMATICS

DIPLOMA IN LIBRARY INFORMATION (CDIM144)

IML208: PROGRAMMING FOR LIBRARIES

INDIVIDUAL ASSIGNMENT

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KEDAH BRANCH

<u>ACKNOWLEDGEMENT</u>

I like to express my deepest thanks to my IML208 lecturer Sir Airul Shazwan Bin Norhashimi for giving guidance and support me to do this assignment. Thanks to him guidance I get to finish this assignment on time and learn something new from this assignment. Besides, through her motivation I get to complete this assignment in time before the submission.

I would also like to extend my grateful to my classmates for showing me the right way to do this assignment without their help I won't finish this assignment in the right format. I am very thankful to my parents for their prayers, supports, and give advice to me every day so that I can finish this assignment with success.

My special thanks to my roommates for their motivation in finishing this assignment and for accompanying me until late of nights. Without my roommates help maybe I would continue slacker person.

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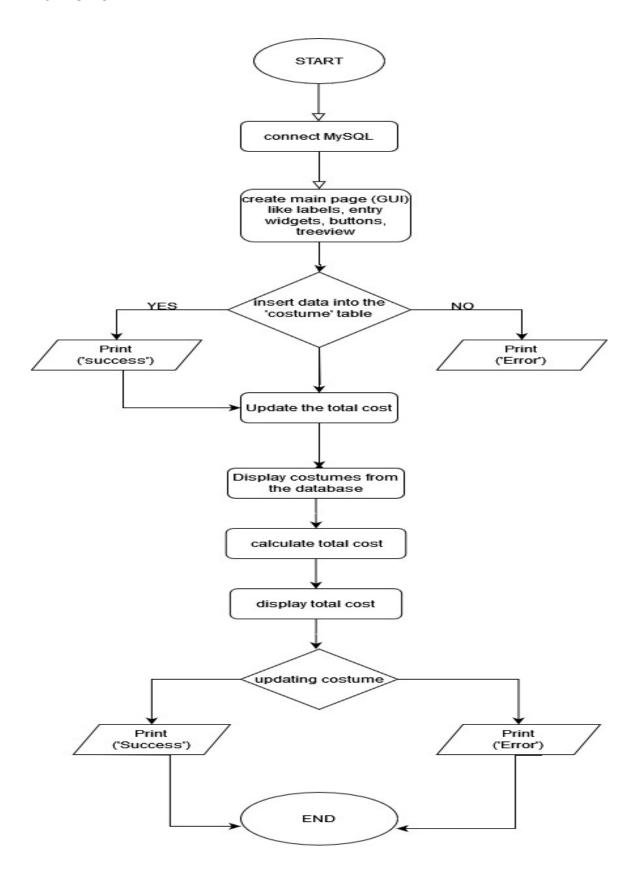
1.0 INTRODUCTION

For this assignment I have choose costume rental as my coding assignment for subject IML208 and this costume rental can help costumer to rent various type of costumes for events. It provides a cost-effective way to purchasing the costume by using this coding. For my calculation I'm using multiply between costume price and costume quantity.

Costume rental businesses typically maintain a diverse inventory of costumes spanning different eras, genres, characters, and themes. These costumes may include fantasy or sci-fi costumes, iconic characters from movies or literature, and more. The range of available costumes can cater to a wide variety of needs and preferences.

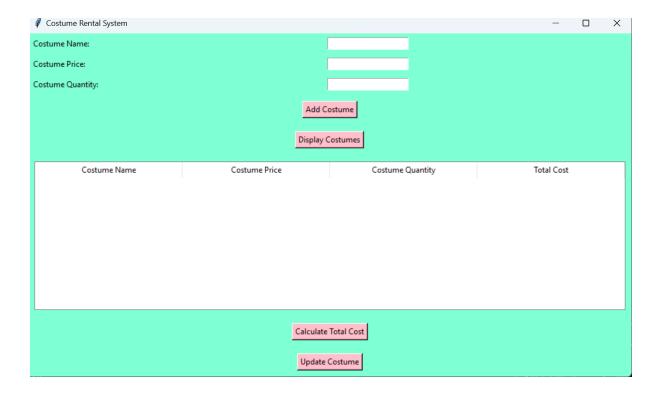
It also enables customers to explore different characters or eras, express their creativity, and enhance their event experience. Additionally, costume rental services are often more sustainable and environmentally friendly compared to purchasing new costumes for every occasion.

2.0 FLOWCHART

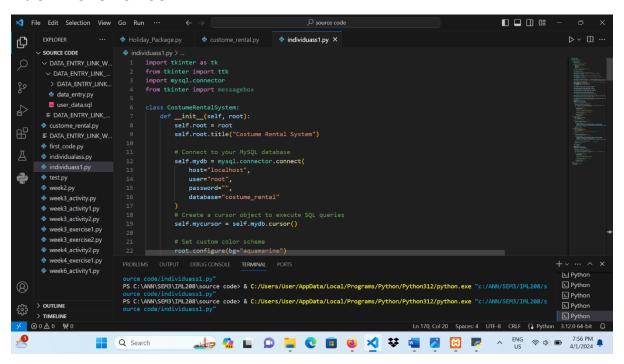


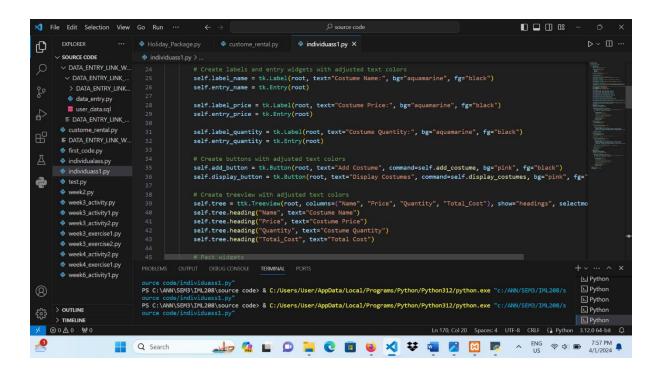
3.0 SNAPSHOT OF GUI

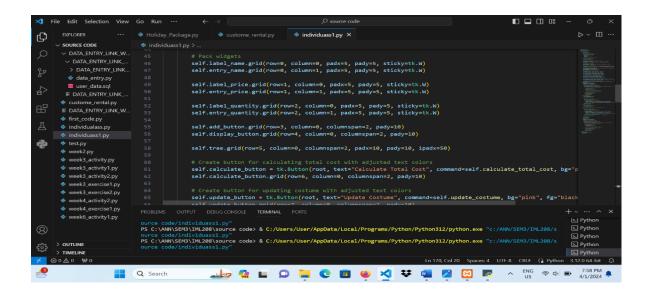
This is my main page which is the GUI for the costumer to rent the costume that they want from the display costume if they click it will appear with the price too. Its convenient for them to see rather than asking how much is the price for specific costumes.

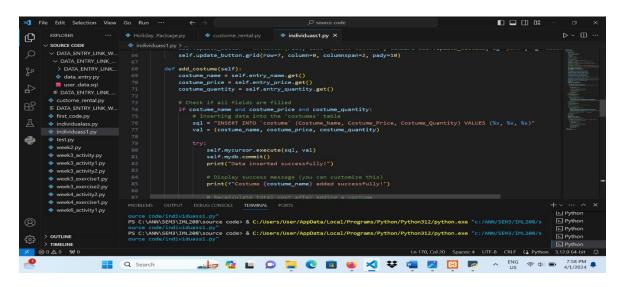


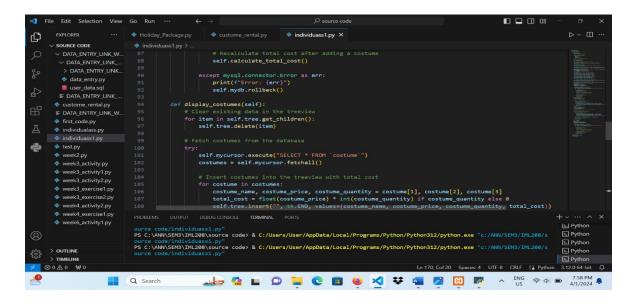
4.0 SNAPSHOT OF CODE

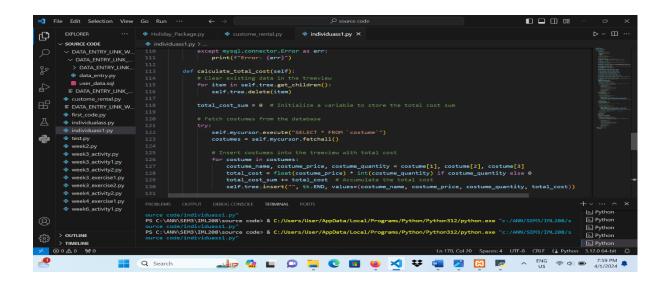


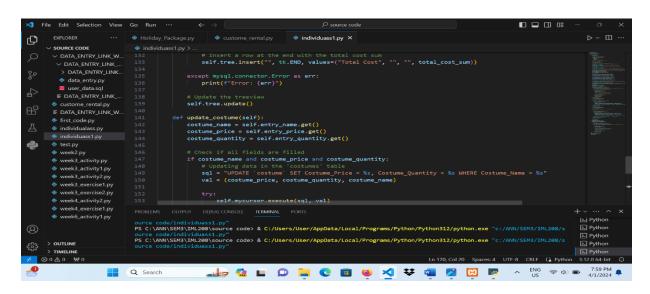


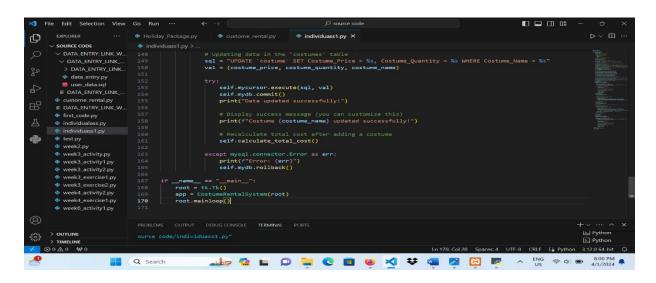




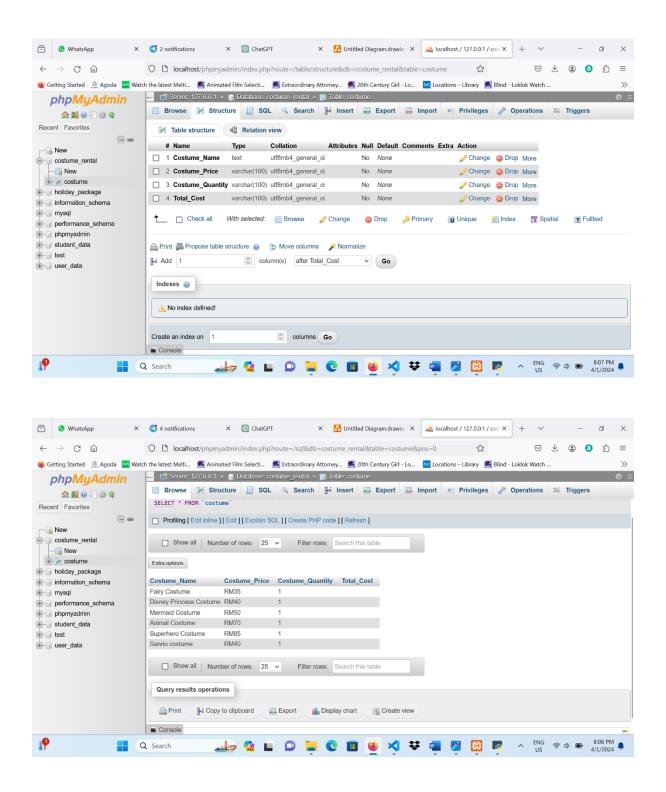








5.0 SNAPSHOT OF DATABASE



6.0 CONCLUSION

This costume rental system is a simple code from python and use MySQL to retrieve the database from it so that it can connect to calculate the total cost. With display costume button we can easily see what types of costume in the database which is from MySQL and the update costume button also make it easy to update or edit our mistake after adding it into database.

From this assignment, I get to learn many new things that I never do in daily life and I also encounter some problem during running the python code but I keep on trying to find the solutions to fix it. It is a new knowledge to learn how to build a GUI which is the main page of the system and need to connect it with the MySQL so that the database can be used to calculate the total cost for costumes. I have a long way to learn python and I hope I will get better in learning it for future use.



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- b. Plagiarism: Using or attempts to use the work of others (ideas, design, words, art, music, etc.) without acknowledging the source; using or purchasing materials prepared by another person or agency or engaging in other behavior that a reasonable person would consider as plagiarism.
- c. Fabrication: Falsifying data, information, or citations in any academic assessment and evaluation.
- d. **Deception**: Providing false information with intend to deceive an instructor concerning any academic assessment and evaluation.
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With this pledge, I am fully aware that I am obliged to conduct myself with utmost honesty and integrity. I fully understand that a disciplinary action can be taken against me if I, in any manner, violate this pledge.

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