Project: Library Records App

Course: Software Engineering

Dr. Ashraf Al-Marakby

Participance:

- 1- Sherif Gamal Abdelatif (45)
- 2- Abdelrahman Farouk Sayed (52)
- 3- Elsayed Khalid Elsayed Elrefaey (32)
- 4- Attia Sayed Attia (60)
- 5- Fayad Mohamed Fayad (65)

Objective:

Design and build a library database to store the records of (Books, Members, Employees, Branches, Borrowings, Returnings) and an application to interact with that database.

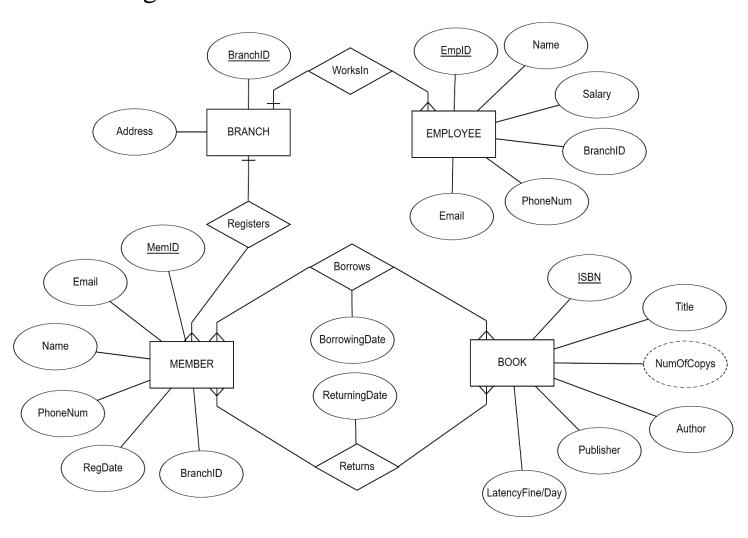
Tools:

- HeidiSQL
- Python 3.8
- Spyder (Anaconda) IDE

Design: -

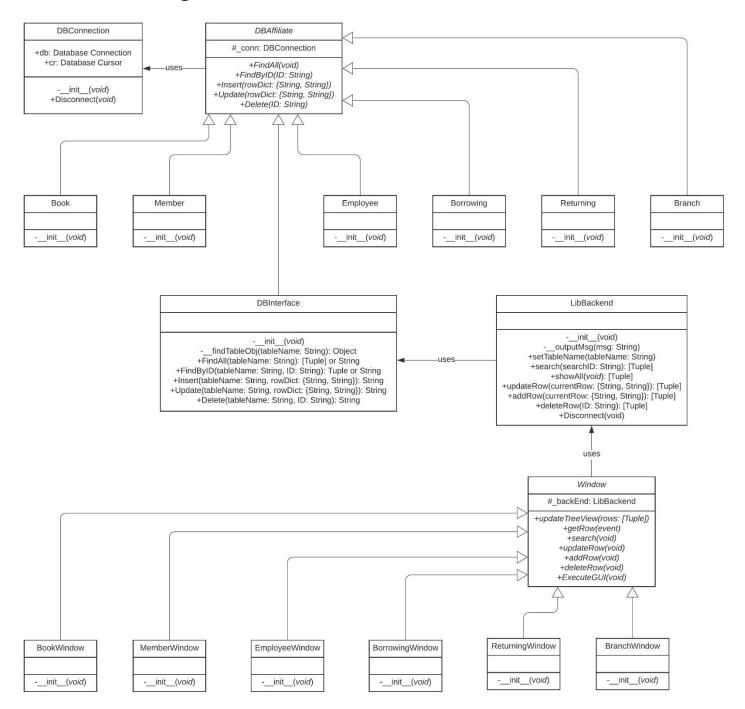
1 – Database:

ER Diagram



2 – Application:

UML Diagram



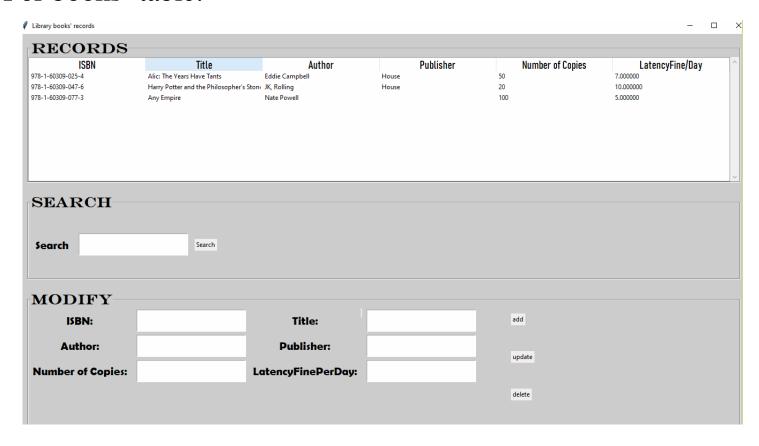
Code:

In this link you will find the database SQL code and the Python code of the application.

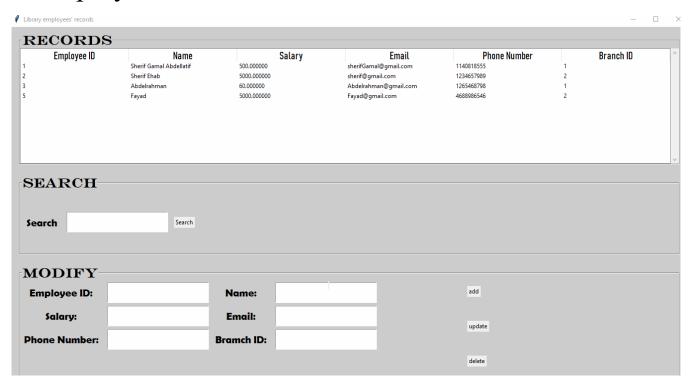
https://github.com/Abdelrahman-Abdelgawad/SWE-LibraryProject.git

Output:

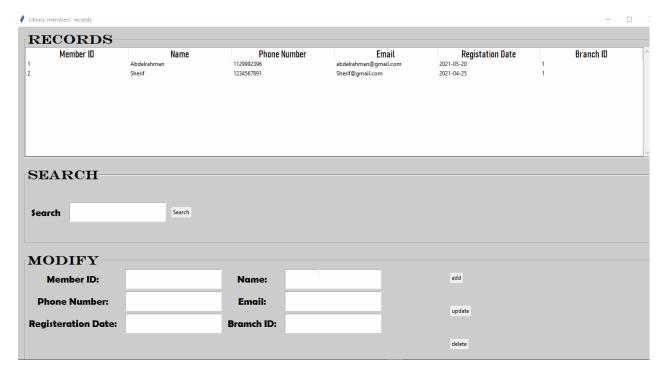
For books' table:



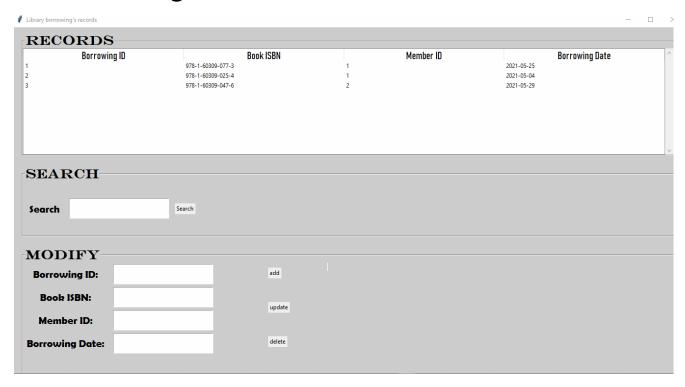
For employees' table:



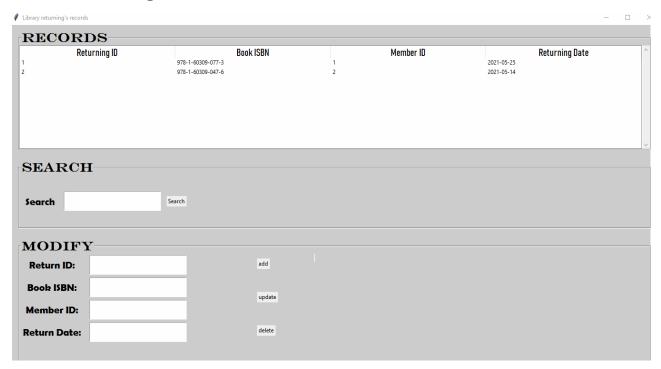
For members' table:



For borrowings' table:



For returnings' table:



For branches' table:

