SOFTWARE ENGINEERING 2 PROJECT-GROUP 3.

MEMORY LANE.

Done by:

Victor Mbui

BOBITLMR200321.

Eugene Mala

BOBITLMR187621.

Gabriel Mukayagi

BOBITLMR188121.

Link to github repository: https://github.com/Vicketh/Morgue-Application.git

The Morgue Management Application is a software designed to facilitate the management of the morgue records.  The program is made to record the details of the deceased, such as name, age, cause of death, and date of death. The three main features of the program are adding entries, searching for entries, and removing entries.

New entries can be made into the morgue records using the application. The user must provide the deceased person's name, age, cause of death, and date of death in order to add an entry. The user can view the information at any time after it has been recorded because it is preserved in the morgue records.

Also, the application offers a search feature that enables users to look for a particular entry in the morgue records. When a user types in a deceased person's name to search for an entry, the application retrieves all of the data it has on that person, including their age, cause of death, and date of death.

The application also contains a feature that enables users to delete a record from the morgue records. When a user enters the name of a deceased person, the application removes all of that person's information from the morgue database.

The application features a user-friendly interface that is easy to navigate. The main menu displays three options: Add Entry, Search Entry, and Remove Entry. Users can easily select the option they need by clicking on the corresponding button.

The application is designed with security in mind. It relies upon a local database – MySQL - for the Morgue Management Application offers several advantages over using an online database source such as a cloud database. Here are some reasons why:

* Security: A local database is usually more secure than an online database source because it is not accessible via the internet. This means that unauthorized users cannot access the database remotely, reducing the risk of data breaches and cyberattacks.
* Data Ownership and Control: With a local database, the organization has complete ownership and control over their data. The organization can choose how to store, manage and protect their data. This level of control is not possible with an online database source, as the organization has to rely on the security measures and protocols of the service provider.
* Reliability: A local database is generally more reliable than an online database source. This is because the organization is not dependent on an internet connection, and the data is stored on a local hard drive or server, which is more reliable than a remote server.
* Speed: A local database usually provides faster access to data than an online database source. This is because the data is stored locally and can be accessed quickly by the application, without the need for internet connectivity.
* Cost: Using a local database can be more cost-effective than using an online database source. While online database sources may offer some advantages, they usually come with subscription fees or other charges, which can add up over time. With a local database, there are no ongoing subscription costs, and the organization only needs to invest in hardware and software once.

There are various advantages to the morgue management application. First of all, it enables simple maintenance of morgue records. The application replaces the requirement for manual record-keeping, which may be laborious and time-consuming, by offering a simple-to-use interface.

The tool also makes it simple to retrieve morgue records. The application's search feature removes the need for users to manually search through records to get details about a certain deceased.

Thirdly, the program increases the reliability of morgue records. The program lowers the possibility of record-keeping errors by doing away with the requirement for manual record-keeping.

To manage morgue records, utilize the Morgue Management Application. The tool enhances the accuracy and effectiveness of morgue record-keeping with its user-friendly design and features including adding, searching, and erasing records. The application is a useful resource for anyone working with morgue management overall.