ITA5004 Programming in JAVA

Digital Assignment-1 (10 Marks)

Design Your Own System with Java Swing, AWT, and Database Connection

Design and implement a Java application of your choice that uses Swing and AWT components to build a GUI with event handling and database connectivity (JDBC).

The system should allow users to manage data through CRUD (Create, Read, Update, and Delete) operations. (Examples of systems that can be developed include a library management system, a product inventory system, a patient management system, or a simple social media platform etc.)

Your TASKS: -
1. Choose a system that you would like to implement.
2. Use Java Swing and AWT components to design the user interface.
3. Implement event handling to manage user interactions.
4. Establish a connection with a database to store and retrieve data.
5. Implement CRUD operations for data management.