Mini Project
AI & DS

- IMPLEMENTING INVENTORY MANAGEMENT SYSTEM USING JAVA AWT & SWING.

Manage a database of records by a specified indexing scheme in a Java menu-driven program

- Operations to be performed:-

- Display menu.

- Insert new record into (possibly empty) database.

- Delete record.
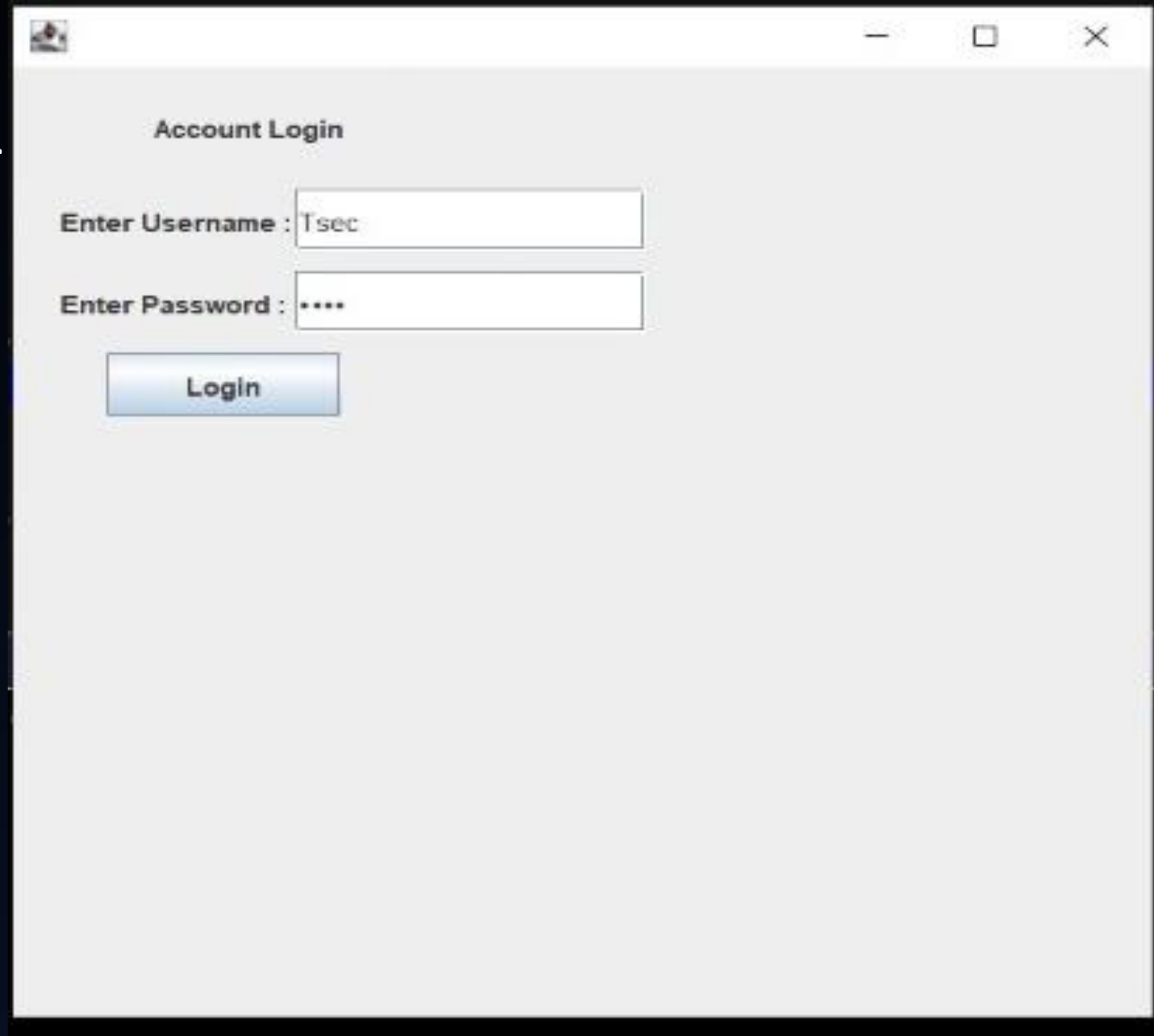
- Update records.

- Sort records.

About Inventory Management

- Inventory management helps companies identify which and how much stock to order at what time. It tracks inventory from purchase to the sale of goods. The practice identifies and responds to trends to ensure there's always enough stock to fulfill customer orders and proper warning of a shortage.

- Two major methods for inventory management are just-in-time (JIT) and materials requirement planning (MRP).

- The process can be carried out manually or by using an automated system.

Technologies Used :

- Java (Programming language)

- Abstract Window Toolkit(AWT)

- Swing

- (Platform used – Intellij)

Login Page -
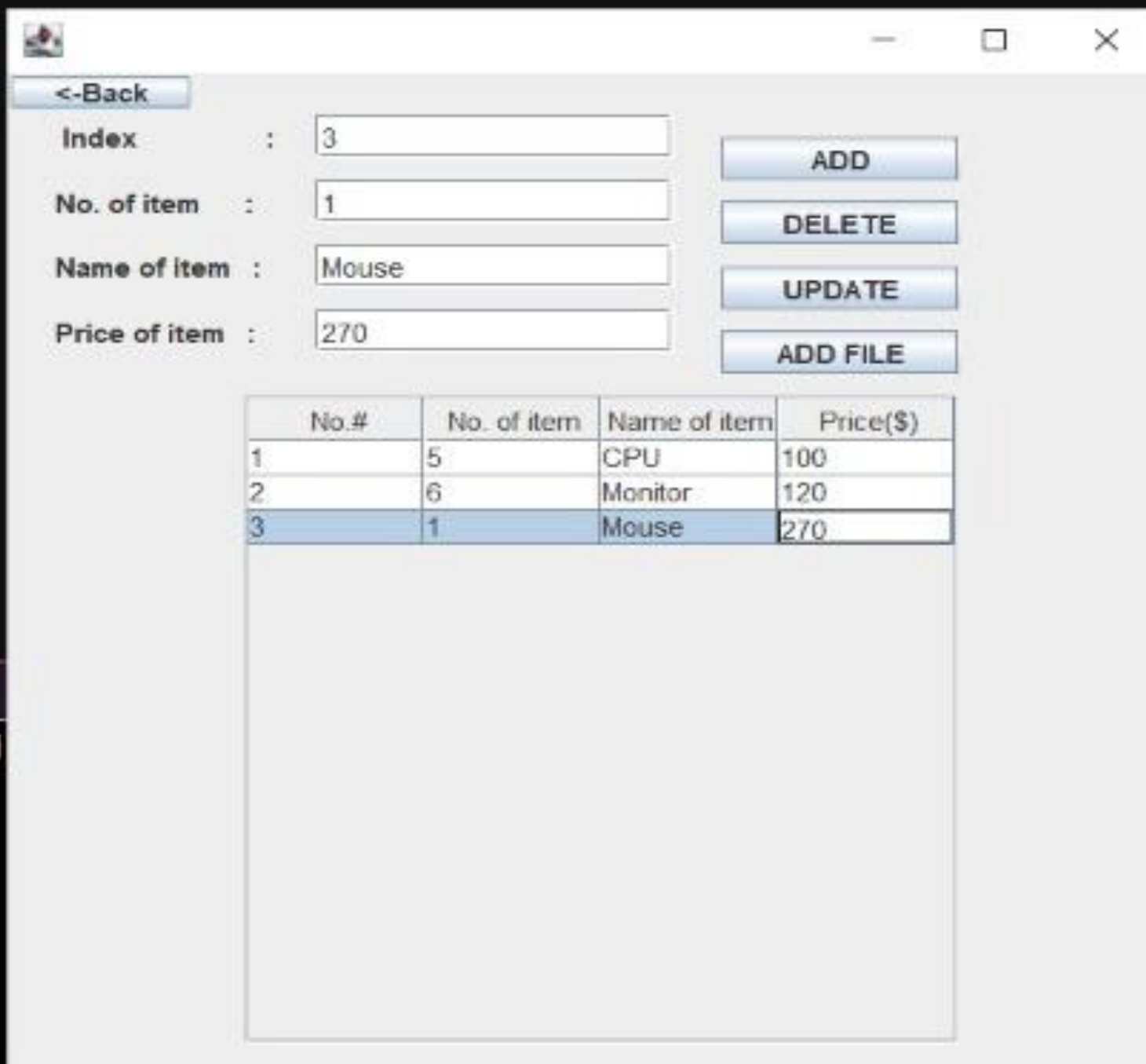
Homepage -

Conclusion

- WE have Successfully created a GUI for implementing inventory management.

- In this GUI we can add , delete , update data and visualize it in the GUI itself and the add the required data to a txt file .