

# How to Run the University ERP System

## 1. Java Requirements

Your system must have:

- Java JDK
- jbcrypt-0.4.jar added to Module dependencies
- mysql-connector-j-9.5.0.jar"added to Module dependencies
- flatlaf-3.6.2.jar" added to Module dependencies

## 2. Database Setup (MySQL)

Follow these steps to set up the databases required for the ERP system.

### 2.1 Import the Provided db.sql File

Either COPY PASTE the content of db.sql or

Use MySQL CLI:

```
SOURCE C:/path/to/db.sql
```

## 3. Database Connection Settings

Setting	Value
Auth DB	jdbc:mysql://localhost:3306/auth_db_2
ERP DB	jdbc:mysql://localhost:3306/erp_db_2
Username	root
Password	PASSWORD

## 4. Default Login Accounts

Username	Password	Role
admin1	admin1234	Admin
inst1	inst1234	Instructor
stu1	stu123	Student
stu2	stu123	Student

## **5. Compile and Run the Application**

### **1. Open the folder**

### **2. Add Required Libraries (Module Dependencies)**

**Go to:**

**File → Project Structure → Modules → Dependencies → + → JARs**

**Add these JARs:**

- mysql-connector-j.jar
- jbcrypt-0.4.jar
- flatlaf-3.6.2.jar

**Set all to Scope = Compile.**

### **3. Set the Project JDK**

**File → Project Structure → Project →  
Select Java JDK (17/21/22).**

**Compile**

**It automatically compiles when it is run , but manual build can also be done:**

**Build → Build Project**

**Run the Application**

**Go to LoginFrame.java in the package edu.univ.erp.ui.auth;**

**And Run it**