

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