**Requirements**

* XAMPP (Apache, MySQL)
* Eclipse IDE
* JDK 17 (I have JDK 17, but JDK 23 might work)
* JavaFX SDK
* MySQL Connector/J

**Steps**

Install XAMPP:

* Download and install XAMPP from the [official website](https://www.apachefriends.org/index.html).
* Start Apache and MySQL from the XAMPP Control Panel.

Set Up MySQL Database:

* Open phpMyAdmin from the XAMPP Control Panel.
* Create a new database named event\_management\_system.
* Import the provided .sql file into the event\_management\_system database.

A screenshot of a computer

Description automatically generated

Install JDK 23:

* Download and install JDK 23 from the [Oracle Website](https://www.oracle.com/java/technologies/javase-downloads.html).
* Set the JAVA\_HOME environment variable to the JDK installation path.

Install JavaFX SDK:

* Download the JavaFX SDK from the [Gluon Website](https://gluonhq.com/products/javafx/).
* Extract the SDK and set up the JavaFX libraries in Eclipse.

Install Eclipse IDE:

* Download and install Eclipse IDE from the [Eclipse Website](https://www.eclipse.org/downloads/).
* Ensure you have the necessary plugins for JavaFX support (I have e(fx)clipse installed).

Configure Eclipse IDE:

* Open Eclipse and import the project.
* Add the JavaFX SDK to the project build path:
* Right-click on the project > Build Path > Configure Build Path.
* Add External JARs and select the JavaFX SDK JAR files.
* Add the MySQL Connector/J library to the project build path:
* Download MySQL Connector/J from the [MySQL website](https://dev.mysql.com/downloads/connector/j/).
* Add the JAR file to the project build path.

Database Connection Settings:

* Ensure that the database connection settings in the Java files match the MySQL server settings

Run the Application:

* Run the Main class to start the application.
* Ensure that the application can connect to the database and that all functionalities work as expected. (Try running the TestConnection.java to see if you can connect to the database successfully)
* URL is: jdbc:mysql://localhost:3306/event\_management\_system, User is: root, and Password is blank.

Login Credentials:

* Admin Login: [admin@example.com](mailto:admin@example.com) Password: 123
* Vendor Login: [vendor@example.com](mailto:vendor@example.com) Password: 123
* Client Login: [client@example.com](mailto:client@example.com) Password: 123