

HANOI UNIVERSITY OF SCIENCE AND TECHNOLOGY

School of Information and communications technology

Installation Guide

Version 1.0

Eco Bike Rental Software

Subject: Software Design and Construction

Group 18

Nguyễn Mạnh Cường – 20183874

Hoàng Hải Đăng – 20183877

Nguyễn Văn Chiến – 20183870

Nguyễn Đào Duy Kiên - 20183935

Hanoi, January, 2022

I. Hardware requirements

1. Processor: Intel Core I5
2. Hard disk: 20GB free
3. RAM: 4GB
4. Kết nối internet ổn định
5. Mouse, keyboard, monitor

II. Software requirements

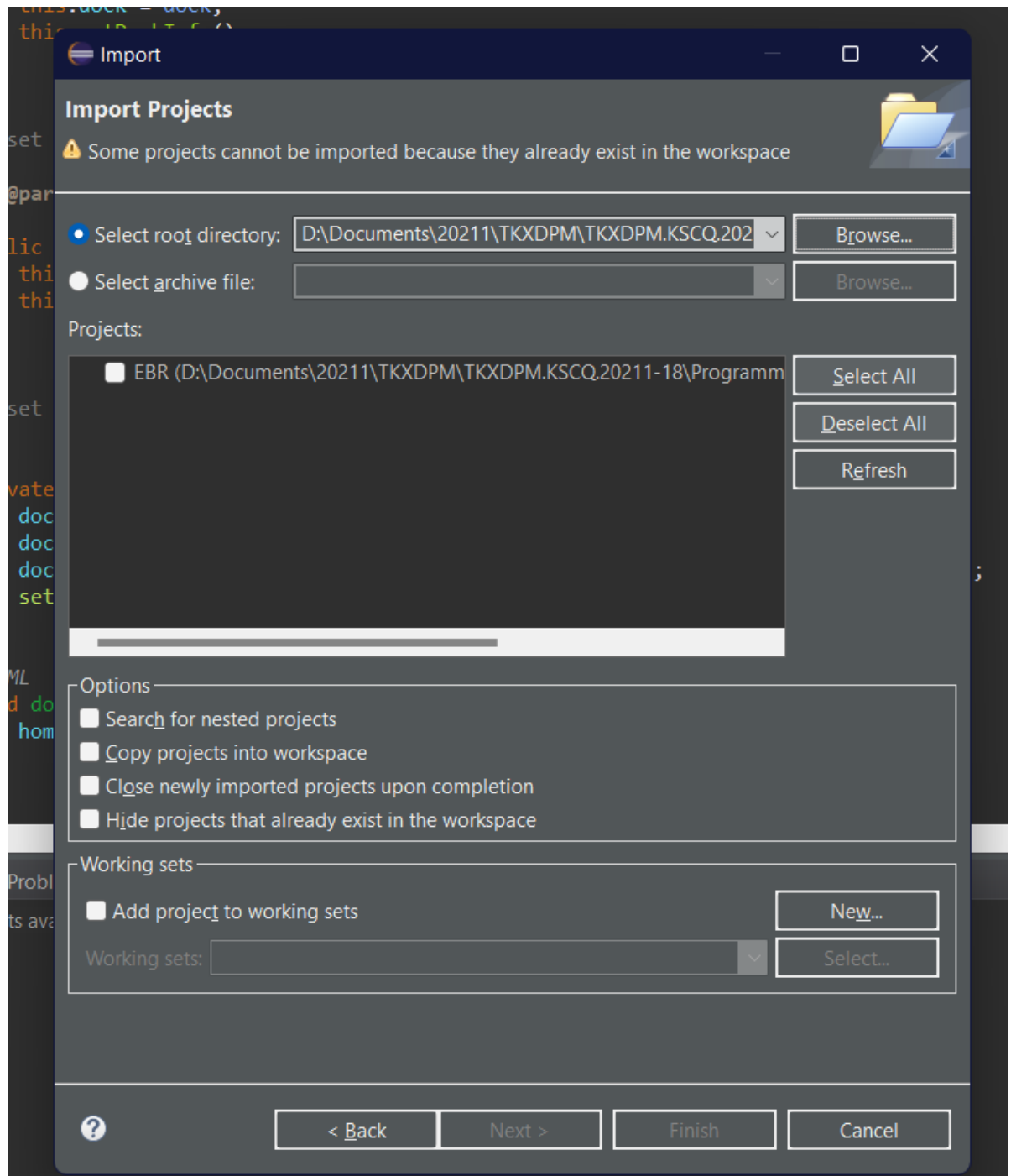
1. JDK ≥ 11
2. JavaFx SDK 15.0.1
3. Eclipse
4. JDBC driver for PostgreSQL
5. JUnit 5

III. Database

1. PostgreSQL version 14

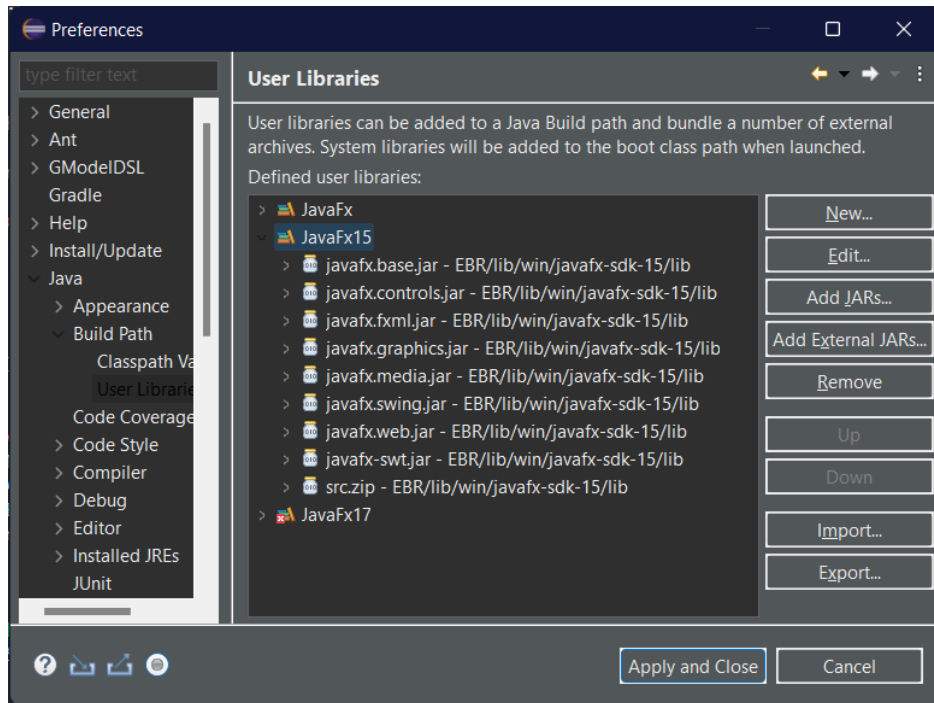
IV. Installation and deployment step by step

1. Step 1: Unrar file EBR.rar, vào Eclipse import Project

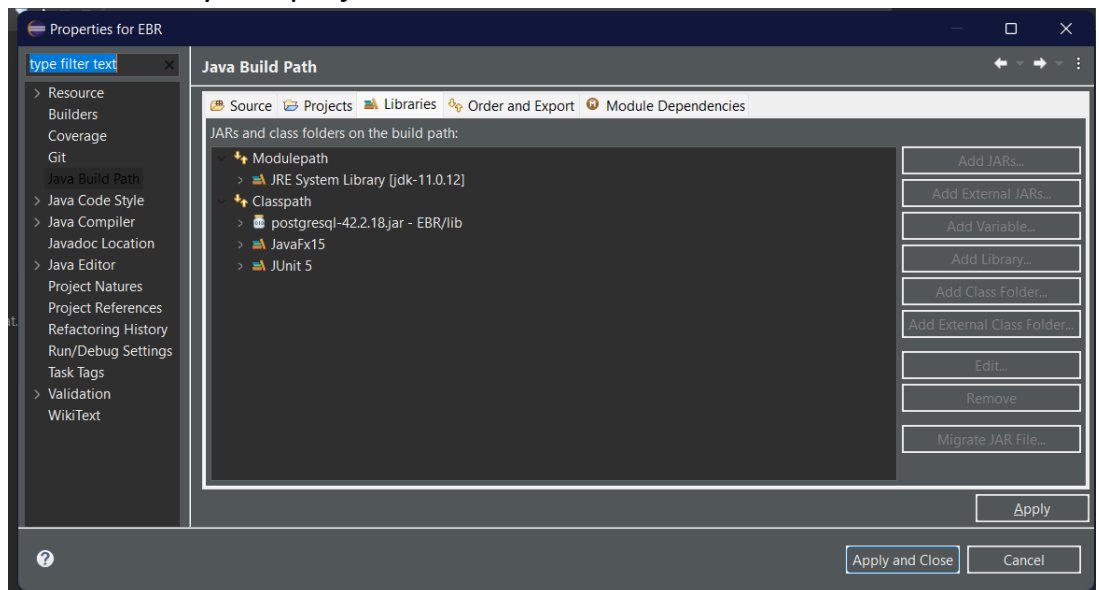


2. Step 2: Setup Libraries

- Cài đặt Library JavaFx15: Window/Preferences/Java/Build Path/New



- Thêm library cho project



- Thêm VM Configuration

Click chuột phải EBR -> Run as -> Run Configurations -> Arguments
 Trong khung VM Argument, thêm "--module-path *"#PATH_TO_JAVAFX"*
 --add-modules javafx.controls,javafx.fxml" trong đó
"#PATH_TO_JAVAFX" là đường dẫn đến JavaFx.

3. Step 3: Setup database config:

- Vào “src/model/db/EBRDB.java”. Setup các thông số là các thông số Postgres của máy

```
public static final String DB_NAME = "EBR";  
public static final String DB_USERNAME = "postgres";  
public static final String DB_PASSWORD = "123456";  
public static final String DB_URL = "jdbc:postgresql://localhost/";
```

4. Step 4: Run

Run App.java