Web Routing Installation Instructions

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**Requirements:**

* **Eclipse 2021-12R - Eclipse IDE for Enterprise Java and Web Developers (**<https://www.eclipse.org/downloads/packages/release/2021-12/r/eclipse-ide-enterprise-java-and-web-developers>**)**
* **Java SE 17 – (**<https://www.oracle.com/java/technologies/javase/jdk17-archive-downloads.html>**)**
* **MySQL Installer – (**<https://dev.mysql.com/downloads/>**)**

*\*Note – After downloading MySQL installer, under installation type, select “Custom”. Ensure the following are installed: MySQL Server 8.0.30, MySQL Workbench 8.0.30, and MySQL Shell 8.0.30. Upon reaching the final configuration menu, leave “port” as default, and set the root password to “password”.*

**Step 1:**

1. **Upon installation of MySQL workbench, open the application and ensure the server is running. If this step is not completed, the application will crash upon startup. Also ensure the server username is “root” and the password is “password”**

**Step 2: Downloading the application Via GitHub repository**

**Link:** [**https://github.com/samthangiah/Spring-2023-Web-Routing-Auctioning**](https://github.com/samthangiah/Spring-2023-Web-Routing-Auctioning)

***The above link is used to navigate to the GitHub repository where the application is located. It is important to note the user must sign into their respective account to gain access to the repository.***

1. **Upon accessing the GitHub repository, navigate to the code tab.**

Graphical user interface, application

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1. **Upon selecting the code tab, copy the URI to your clipboard**
2. ***Open the Eclipse IDE***
3. **When prompted for a workspace, select any workspace, or create an empty one for the project**
4. **After launching eclipse, navigate to File>import>Git>Smart Import. In the git smart import screen, paste the URI and enter your credentials. Click next, and you will be asked which branches to import. Select "master" and import the project.**

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1. **To continue, we must first update the projects dependencies. To do so:**

* **Right click the webrouting folder. After right clicking, navigate to Maven> Update project. Confirm the webrouting file is selected, select OK.**

1. **After the project has been updated, select the webrouting project and navigate to:**

**src/main/resources > application.properties. Open the file**

1. **Confirm the “*spring.datasource.username = root*”, and *“spring.datasource.password = password”.* Save the file**
2. **Upon selecting the webrouting project, navigate to src/main/ java, and under the**

**Edu.sru.thangiah.webrouting package, right click WebRoutingApplication.java, then “run as java application.**

1. **Open your web browser, Type “localhost:8080” and sign in with the corresponding credentials.**