

# Company Fleet System

## Web Application

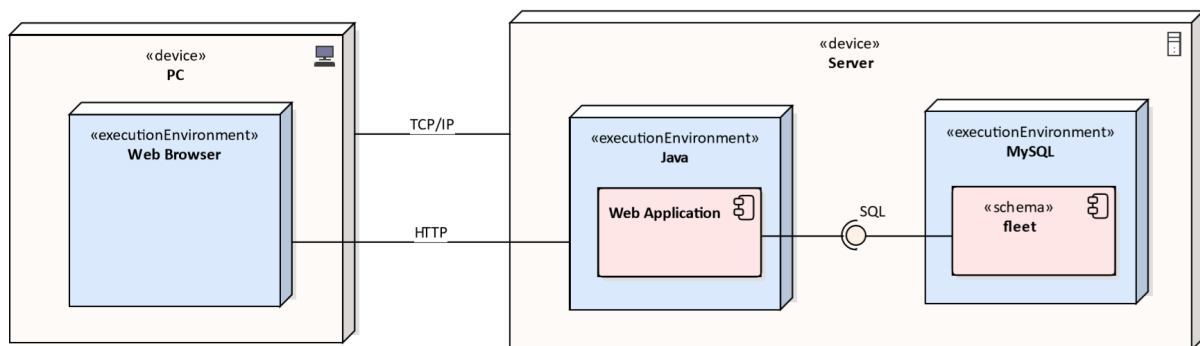
### Introduction

The following guide presents how to install and run the web application on the Ubuntu server.

### Preconditions

- MySQL server
- MySQL JDBC driver
- Java version 8
- Apache Maven

### Deployment Overview



The application supports several databases, and is currently using the MySQL database. Therefore it is important that MySQL server is installed. Since this is a Java application, the MySQL JDBC driver needs to be installed as well. Moreover, it is required that Java version 8 is used. It can be either OpenJDK or Oracle Java. Higher versions of Java are not guaranteed to work, since the frameworks used might not support it. The application uses Maven as the build system, so Maven must be installed as well.

The following web browsers are supported:

- Mozilla Firefox >= 50
- Microsoft Edge
- Google chrome
- Safari
- Internet Explorer >= 9
- Opera

## Test Data

In order to add the users, or the test data, use the sql scripts provided in the installation package. To add a new user modify the **user.sql** file on lines 49-52 by following the provided template.

## Installation Procedure

1. Copy the CompanyFleetSystem directory to the server
2. Modify the configuration file in order to specify the database username and password
3. Optionally modify the configuration file to use a port other than 8080
4. Start MySQL server and create a new database, with specified username and password
5. On the server navigate to the project directory and run the following command: `mvn spring-boot:run`

Alternatively there is another way to deploy the application:

1. Clone the company fleet system repository on a local machine
2. Modify the configuration file in order to specify the database username and password
3. Optionally modify the configuration file to use a port other than 8080
4. In the project directory execute the following command: `mvn clean install`
5. A jar file will be created
6. Copy the jar file to the server
7. Start MySQL server and create a new database, with specified username and password
8. Execute: `java -jar fleet.jar`