**Code Hacks**

**JAVA**

**-IMPORTS-** (HOT-COPIES)

import org.springframework.web.bind.annotation.RequestMapping;

import org.springframework.web.bind.annotation.RequestMethod;

import org.springframework.web.bind.annotation.RequestParam;

import org.springframework.web.servlet.mvc.support.RedirectAttributes;

import org.springframework.stereotype.Controller;

import org.springframework.ui.Model;

import javax.persistence.GeneratedValue;

import javax.persistence.GenerationType;

import javax.servlet.http.HttpSession;

import javax.persistence.Column;

import javax.persistence.Entity;

import javax.persistence.Table;

import java.util.Date;

import javax.persistence.Id;

import java.util.Date;

**-JSP file -**

<%@ taglib prefix = "c" uri = "http://java.sun.com/jsp/jstl/core" %>

**-APPLICATION.PROPERTIES-**

spring.mvc.view.prefix=/WEB-INF/

(WHEN CONNECTING TO DATABSE)

spring.datasource.url=jdbc:mysql://localhost:3306/<<YOUR\_SCHEMA>>

spring.datasource.username=<<dbuser>>

spring.datasource.password=<<dbpassword>>

spring.datasource.driver-class-name=com.mysql.jdbc.Driver

spring.jpa.hibernate.ddl-auto=update

**-CSS/BOOTSRAP-**

//CSS

<link rel="stylesheet" type="text/css" href="css/style.css">

//BOOTSTRAP

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta1/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-giJF6kkoqNQ00vy+HMDP7azOuL0xtbfIcaT9wjKHr8RbDVddVHyTfAAsrekwKmP1" crossorigin="anonymous">

//(NOTE: place <script> tags in the <body></body> @ the bottom)

//BOOTSTRAP SCRIPT TAGS (OPTIONAL) 1/2

<script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.5.4/dist/umd/popper.min.js" integrity="sha384-q2kxQ16AaE6UbzuKqyBE9/u/KzioAlnx2maXQHiDX9d4/zp8Ok3f+M7DPm+Ib6IU" crossorigin="anonymous"></script>

//BOOTSTRAP SCRIPT TAGS (OPTIONAL) 2/2

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta1/dist/js/bootstrap.min.js" integrity="sha384-pQQkAEnwaBkjpqZ8RU1fF1AKtTcHJwFl3pblpTlHXybJjHpMYo79HY3hIi4NKxyj" crossorigin="anonymous"></script>

**-DEPENDENCIES-**

Spring Boot Spring Data JPA starter (JPA)

Java Mysql Connector (MySQL)

Tomcat-ember-jasper

javax.servlets (jstl)

spring-boot-starter-validations

(NOTE: This needs to be manually put in POM.XML)

<dependency>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-validation</artifactId>

</dependency>

**Spring Starter Project – Set-Up**

#1: Start a new project in Spring Tool Suite

**Graphical user interface, application, Word

Description automatically generated**

#2:

Graphical user interface, application

Description automatically generated

#3: