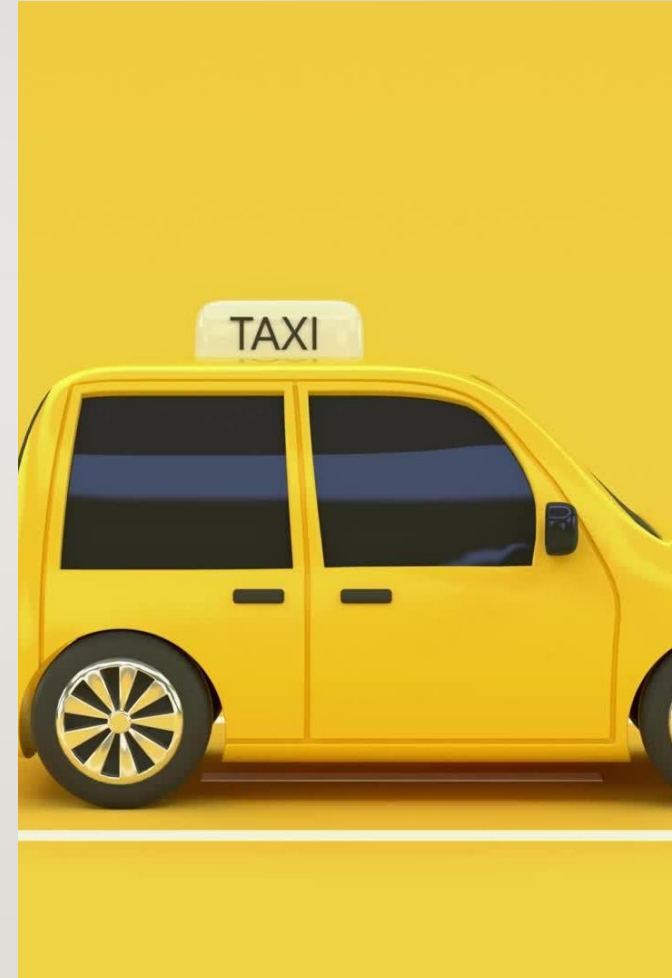


CAR RENTAL APPLICATION

USING JAVA, SPRING MVC, SPRING BOOT,
MYSQL, JSP, JSTL, MVC ARCHITECTURE,
MICROSERVICES



OBJECTIVES

- ❖ Overview of the project
- ❖ How java helped in this project
- ❖ Adding Controllers, repositories, and JSP in the project
- ❖ My SQL database connection
- ❖ functionalities of Create, Read, Update and Delete
- ❖ code for the functionalities
- ❖ Output of the projects

OVERVIEW OF THE PROJECT

- ❖ The project car rental application helps customers to find and book a car.
- ❖ They can add the new cars whenever they need to their database
- ❖ In this project we also have functionalities like update and deleting existing cars.
- ❖ By using update we can update the car with the latest price, brand, vehicle number, and color.
- ❖ We can also delete the car whenever we need.
- ❖ All these functionalities are going to save in the database (MYSQL).

OVERVIEW OF THE PROJECT

- ❖ In this project all the functionalities are done by using the ID of the car
- ❖ With the help of ID we can get the details of the car and we can perform whatever functionalities we need.
- ❖ This project is mainly used for customers who want to take a car for rent.

HOW JAVA HELPED IN THIS PROJECT??

- ❖ Java is a high-level language , class based object oriented programming language that is designed to have few implementation dependencies as possible
- ❖ Java can be used to build application for a wide range of platforms
- ❖ With the help of Eclipse IDE we created design part of the project and also with java we gave the functionalities
- ❖ Java helped us in bringing JSP data for database connection and microservices.

FUNCTIONALITY OF SAVE

- ❖ The main aim of the project is to save the data in the database and to perform crud operations
- ❖ Save button plays a major role
- ❖ With the help of save button after entering the data into particular field we can save the data

FUNCTIONALITY OF UPDATE

- ❖ Update button helps to update already existing data in the database.
- ❖ We can edit the data on the particular cars and click on the update button.
- ❖ Update button populates a form with existing data based on the unique id of a particular vehicle.

CODE FOR UPDATE

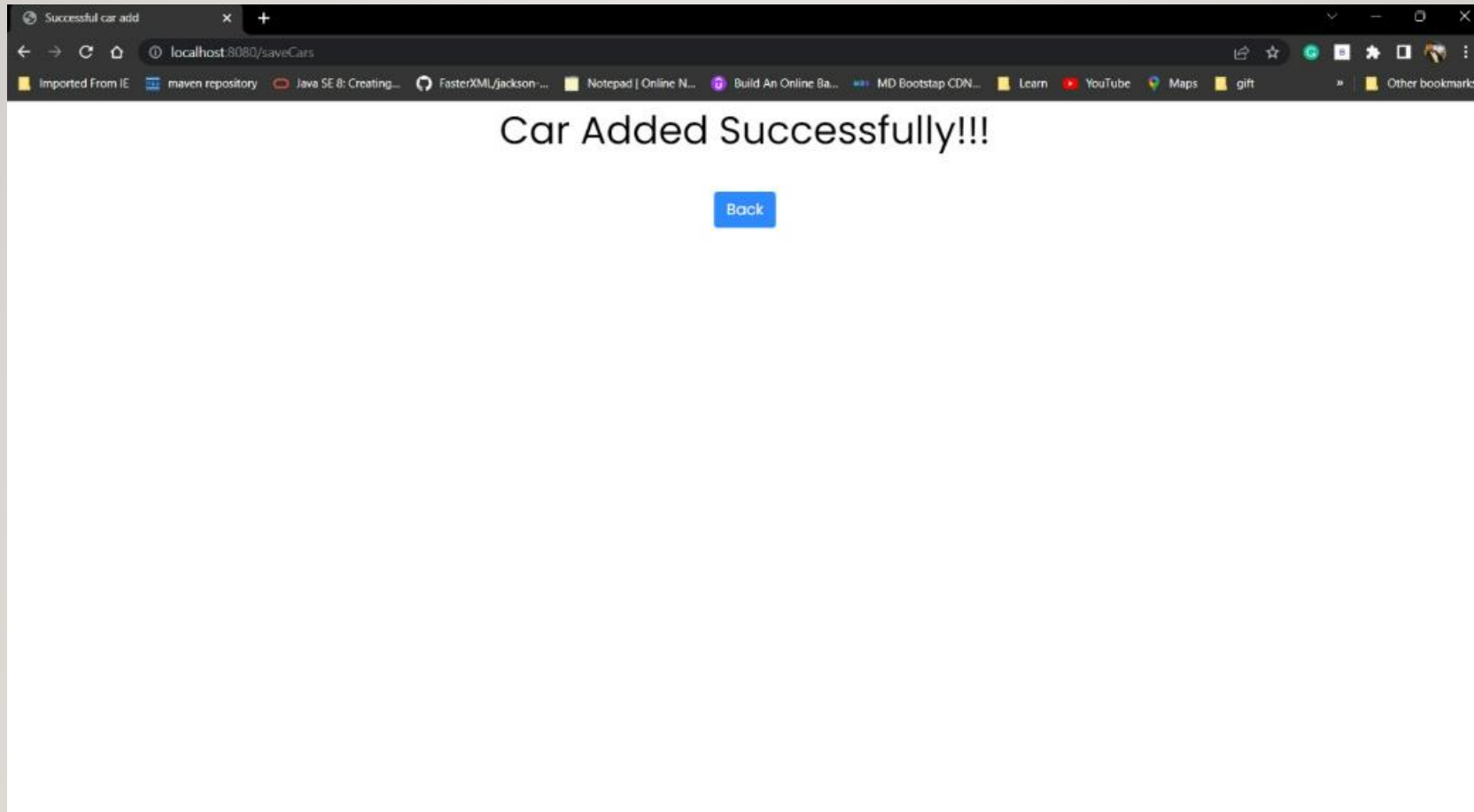
```
@GetMapping("/delete")
public String deletecar(@RequestParam("id") int id, Model model) {
    List<cars> car= carrepository.findAll();
    model.addAttribute("car", car);
    carrepository.deleteById(id);
    return "deletedVehicle";
}
```

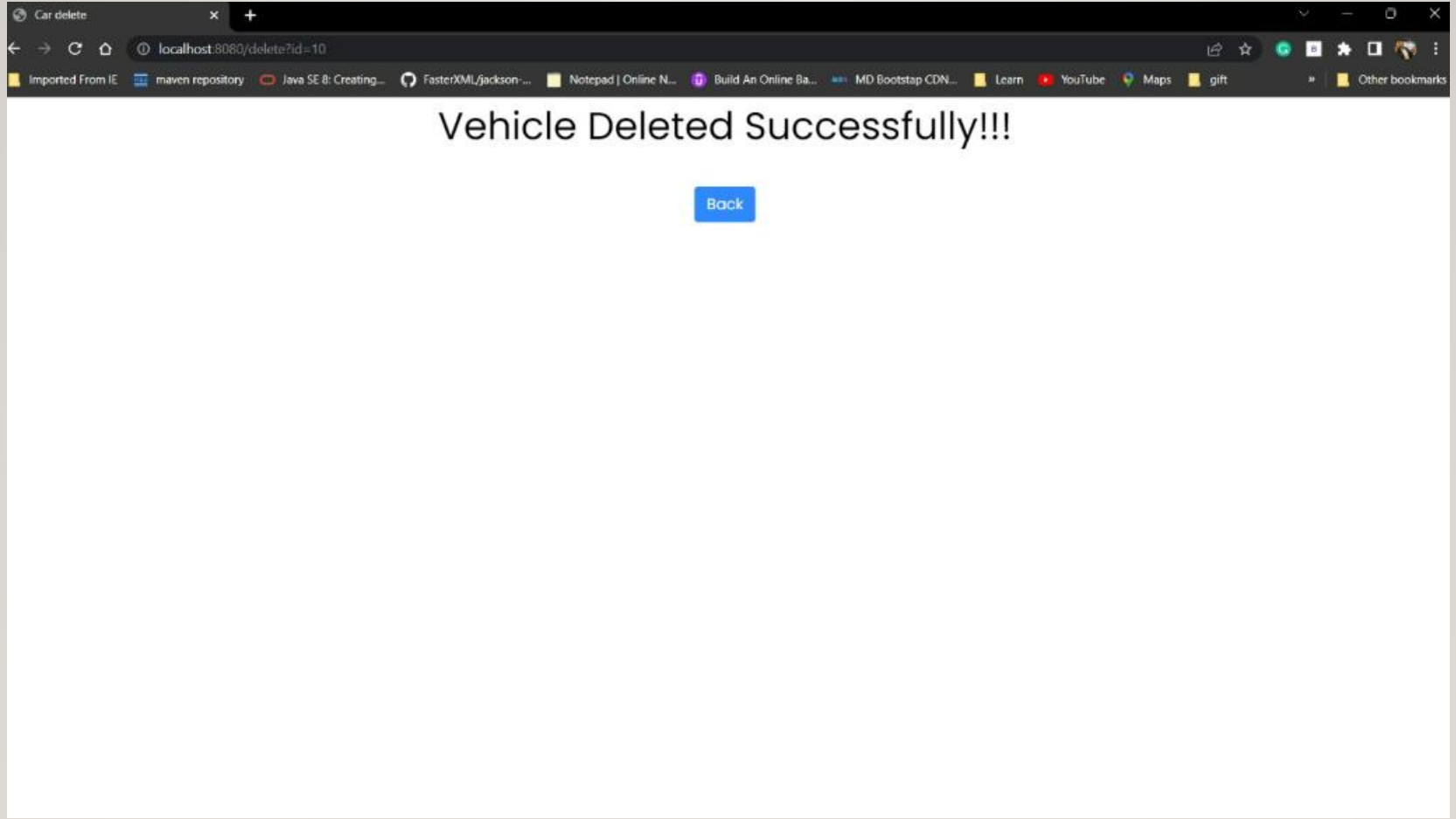

FUNCTIONALITY OF DELETE BUTTON

- ❖ Delete button helps us to delete a particular data from the database.
- ❖ car Id data will get all the data of particular cars on their types.
- ❖ We can click on delete button to delete a particular record.

CODE FOR DELETE

```
@GetMapping("/delete")
public String deletecar(@RequestParam("id") int id, Model model) {
    List<cars> car= carrepository.findAll();
    model.addAttribute("car", car);
    carrepository.deleteById(id);
    return "deletedVehicle";
}
```





Dashboard

localhost:8080/back

Imported From IE, maven repository, Java SE 8: Creating..., FasterXML/jackso

localhost:8080 says
Are you sure to delete this Vehicle?

OK, Cancel

IN..., Learn, YouTube, Maps, gift, Other bookmarks

Add New Car

Id.	Brand	Fuel Type	Model	Type	Color	Number	Price	Edit	Action
1	Chevy	petrol	Malibu	car	blue	KU73H	450	Update	Remove
2	Toyota	petrol	camry	car	red	KTR3T	350	Update	Remove
3	volvo	diesel	s40	car	red	NBK45	550	Update	Remove
4	Hundai	diesel	sonato	car	black	JHO90	500	Update	Remove
5	Nissan	diesel	altima	car	red	WHT89	600	Update	Remove
10	mhjkv	Petrol	khv	Car	mh	khmhv	96523	Update	Remove



Add Vehicle

localhost:8080/showFormForUpdate?id=1

Imported From IE maven repository Java SE 8: Creating... FasterXML/jackson... Notepad | Online N... Build An Online Ba... MD Bootstrap CDN... Learn YouTube Maps gift Other bookmarks

Enter Vehicle Details

Back

uniqeld

1

Model

Malibu

Brand

Chewy

Vehicle Number

KU73H

Color

blue

Price

450



Thank
You