**CAR RENTAL APPLICATION**

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**INTRODUCTION:**

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).

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:**

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.

**PROJECT CONFIGURATION:**

**Front End**: HTML, CSS, JavaScript, JQuery and JSP,JSTL.

**Back End**: MySQL , JSP, MVC Architecture, Microservices, SPRING BOOT.

**Programming** : Java

**IDE**: Eclipse EE.

**SAVE BUTTON:**

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.

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**UPDATE BUTTON:**

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.

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**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.

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