







Screenshots

Showing all products

Product CRUD APP

localhost:8080/productcrudapp/

Welcome to product

Id	Product Name	Description	Price	Action
7	nokia	mobile	20000	 
8	iphone	mobile	50000	 
11	apple	food	200	 

[Add Product](#)

localhost:8080/productcrudapp/add-product

31°C Cloudy

81.4 Kbps

11.5 Kbps

20-08-2022 17:11

Adding new product

Add Product

localhost:8080/productcrudapp/add-product

Fill the product details

Product Name

Product description

Product Price

[Back](#) [Add](#)

31°C Cloudy

72.4 Kbps

12.7 Kbps









20-08-2022 17:11

New product added

Product CRUD APP

localhost:8080/productcrudapp/

Welcome to product

Id	Product Name	Description	Price	Action
12	new Product	newproduct 1	2000	 
7	nokia	mobile	20000	 
8	iphone	mobile	50000	 
11	apple	food	200	 

Add Product

localhost:8080/productcrudapp/delete/11

31°C Cloudy

71.4 Kbps
15.0 Kbps

ENG IN







17:11
20-08-2022

Deleted the product

Product CRUD APP

localhost:8080/productcrudapp/

Welcome to product

Id	Product Name	Description	Price	Action
12	new Product	newproduct 1	2000	 
7	nokia	mobile	20000	 
8	iphone	mobile	50000	 

Add Product

31°C Cloudy

114.2 Kbps
13.3 Kbps

ENG IN

17:11
20-08-2022

Updating the existing data and we can update the data by changing the id also



Phase 3 - productcrudapp/src/main/java/productcrudapp/controller/MainController.java - Eclipse IDE

Package Explorer

- productcrudapp
- src/main/java
 - productcrudapp.controller
 - MainController.java
 - productcrudapp.dao
 - ProductDao.java
 - productcrudapp.model
 - Product.java
 - src/main/resources
 - src/test/java
 - src/test/java
 - IRE System Library [J2SE-1.5]
 - Maven Dependencies
 - Server Runtime [Apache Tomcat v9.0]
 - src
 - main
 - webapp
 - WEB-INF
 - views
 - add_product_form.jsp
 - base.jsp
 - index.jsp
 - update_form.jsp
 - spring-servlet.xml
 - web.xml
 - test
 - target
 - pom.xml
 - Servers
 - SpringAppFirst
 - springboot
 - springboot_springboot
 - SpringDemo
 - SpringdbCrud
 - SpringJdbcSearchUpdate

MainController.java

```
1 package productcrudapp.controller;
2
3 import java.util.List;
4
5 import javax.servlet.http.HttpServletRequest;
6
7 import org.springframework.beans.factory.annotation.Autowired;
8 import org.springframework.stereotype.Controller;
9 import org.springframework.ui.Model;
10 import org.springframework.web.bind.annotation.ModelAttribute;
11 import org.springframework.web.bind.annotation.PathVariable;
12 import org.springframework.web.bind.annotation.RequestMapping;
13 import org.springframework.web.bind.annotation.RequestMethod;
14 import org.springframework.web.servlet.view.RedirectView;
15
16 import productcrudapp.dao.ProductDao;
17 import productcrudapp.model.Product;
18
19 @Controller
20 public class MainController {
21
22     @Autowired
23     private ProductDao productDao;
24
25     @RequestMapping("/")
26     public String home(Model m)
27     {
28         List<Product> products = productDao.getProducts();
29         m.addAttribute("products", products);
30         return "index";
31     }
32 }
```

Outline

- productcrudapp.controller
 - MainController
 - productDao: ProductDao
 - home(Model): String
 - addProduct(Model): String
 - handleProduct(@ModelAttribute P
 - deleteProduct(@PathVariable(value
 - updateFormt(@PathVariable(value=

Problems

- JavaDoc
- Declaration
- Console
- Progress
- Servers

Tomcat v9.0 Server at localhost [Apache Tomcat] C:\Program Files\Java\jdk-17.0.2\bin\java.exe (20-Aug-2022, 2:06:38 pm)

Product [id=10, name=GarnierHome, description=facewash, price=2000]

Hibernate: update Product set description=?, name=?, price=? where id=?

Aug 20, 2022 5:05:36 PM org.hibernate.internal.SessionImpl createCriteria

WARN: HH90000022: Hibernate's legacy org.hibernate.Criteria API is deprecated; use the JPA javax.persistence.criteria.CriteriaQuery instead

Hibernate: select this._id as id1_0_0_, this._description as descript2_0_0_, this._name as name3_0_0_, this._price as price4_0_0_ from Product th

31°C Cloudy

22.3 Kbps

13.3 Kbps

47:37:1352

ENG IN

17:06

20-08-2022

Phase 3 - productcrudapp/src/main/java/productcrudapp/controller/MainController.java - Eclipse IDE

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MySQL 8.0 Command Line Client

```
mysql> select * from product;
```

id	description	name	price
7	mobile	nokia	20000
8	mobile	iphone	50000
11	food	apple	200

mysql>

Outline

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Tomcat v9.0 Server at localhost [Apache Tomcat] C:\Program Files\Java\jdk-17.0.2\bin\java.exe (20-Aug-2022, 2:06:38 pm)

Hibernate: select this._id as id1_0_0_, this._description as descript2_0_0_, this._name as name3_0_0_, this._price as price4_0_0_ from Product th

Hibernate: delete from Product where id=?

Aug 20, 2022 5:07:17 PM org.hibernate.internal.SessionImpl createCriteria

WARN: HH90000022: Hibernate's legacy org.hibernate.Criteria API is deprecated; use the JPA javax.persistence.criteria.CriteriaQuery instead

Hibernate: select this._id as id1_0_0_, this._description as descript2_0_0_, this._name as name3_0_0_, this._price as price4_0_0_ from Product th

31°C Cloudy

80.1 Kbps

10.3 Kbps

47:37:1352

ENG IN

17:07

20-08-2022