**Admin.java**

|  |
| --- |
| package com.ss.model; |
|  |  |
|  | import javax.persistence.Entity; |
|  | import javax.persistence.Id; |
|  |  |
|  | @Entity |
|  | public class Admin { |
|  | @Id |
|  | private String username; |
|  | private String password; |
|  |  |
|  | public Admin() { |
|  | super(); |
|  | } |
|  | public Admin(String username, String password) { |
|  | super(); |
|  | this.username = username; |
|  | this.password = password; |
|  | } |
|  | public String getUsername() { |
|  | return username; |
|  | } |
|  | public void setUsername(String username) { |
|  | this.username = username; |
|  | } |
|  | public String getPassword() { |
|  | return password; |
|  | } |
|  | public void setPassword(String password) { |
|  | this.password = password; |
|  | } |
|  | } |

**Cart.java**

|  |
| --- |
| package com.ss.model; |
|  |  |
|  | import javax.persistence.Entity; |
|  | import javax.persistence.Id; |
|  |  |
|  | @Entity |
|  | public class Cart { |
|  |  |
|  | @Id |
|  | private int id; |
|  | private int productId; |
|  | private int quantity; |
|  | private float size; |
|  | private float price; |
|  |  |
|  | public Cart() { |
|  | super(); |
|  | } |
|  |  |
|  | public Cart(int id, int productId, int quantity, float size, float price) { |
|  | super(); |
|  | this.id = id; |
|  | this.productId = productId; |
|  | this.quantity = quantity; |
|  | this.size = size; |
|  | this.price = price; |
|  | } |
|  |  |
|  | public int getId() { |
|  | return id; |
|  | } |
|  | public void setId(int id) { |
|  | this.id = id; |
|  | } |
|  | public int getProductId() { |
|  | return productId; |
|  | } |
|  | public void setProductId(int productId) { |
|  | this.productId = productId; |
|  | } |
|  | public int getQuantity() { |
|  | return quantity; |
|  | } |
|  | public void setQuantity(int quantity) { |
|  | this.quantity = quantity; |
|  | } |
|  | public float getSize() { |
|  | return size; |
|  | } |
|  | public void setSize(float size) { |
|  | this.size = size; |
|  | } |
|  | public float getPrice() { |
|  | return price; |
|  | } |
|  | public void setPrice(float price) { |
|  | this.price = price; |
|  | } |
|  |  |
|  |  |
|  | } |

**Customer.java**

|  |
| --- |
| package com.ss.model; |
|  |  |
|  | import javax.persistence.Entity; |
|  | import javax.persistence.Id; |
|  |  |
|  | @Entity |
|  | public class Customer { |
|  | @Id |
|  | private String email; |
|  | private String name; |
|  | private String password; |
|  | private long contact; |
|  |  |
|  | public Customer() { |
|  | super(); |
|  | } |
|  |  |
|  | public Customer(String email, String name, String password, long contact) { |
|  | super(); |
|  | this.email = email; |
|  | this.name = name; |
|  | this.password = password; |
|  | this.contact = contact; |
|  | } |
|  |  |
|  | public String getEmail() { |
|  | return email; |
|  | } |
|  | public void setEmail(String email) { |
|  | this.email = email; |
|  | } |
|  | public String getName() { |
|  | return name; |
|  | } |
|  | public void setName(String name) { |
|  | this.name = name; |
|  | } |
|  | public String getPassword() { |
|  | return password; |
|  | } |
|  | public void setPassword(String password) { |
|  | this.password = password; |
|  | } |
|  | public long getContact() { |
|  | return contact; |
|  | } |
|  | public void setContact(long contact) { |
|  | this.contact = contact; |
|  | } |
|  |  |
|  |  |
|  | } |

**Product.java**

|  |
| --- |
| package com.ss.model; |
|  |  |
|  | import javax.persistence.Entity; |
|  | import javax.persistence.Id; |
|  |  |
|  | @Entity |
|  | public class Product { |
|  | @Id |
|  | private int id; |
|  | private String company; |
|  | private String name; |
|  | private float price; |
|  | private String category; |
|  |  |
|  | public Product(int id, String company, String name, float price, String category) { |
|  | super(); |
|  | this.id = id; |
|  | this.company = company; |
|  | this.name = name; |
|  | this.price = price; |
|  | this.category = category; |
|  | } |
|  |  |
|  | public Product() { |
|  | super(); |
|  | } |
|  |  |
|  | public int getId() { |
|  | return id; |
|  | } |
|  |  |
|  | public void setId(int id) { |
|  | this.id = id; |
|  | } |
|  |  |
|  | public String getCompany() { |
|  | return company; |
|  | } |
|  |  |
|  | public void setCompany(String company) { |
|  | this.company = company; |
|  | } |
|  |  |
|  | public String getName() { |
|  | return name; |
|  | } |
|  |  |
|  | public void setName(String name) { |
|  | this.name = name; |
|  | } |
|  |  |
|  | public float getPrice() { |
|  | return price; |
|  | } |
|  |  |
|  | public void setPrice(float price) { |
|  | this.price = price; |
|  | } |
|  |  |
|  | public String getCategory() { |
|  | return category; |
|  | } |
|  |  |
|  | public void setCategory(String category) { |
|  | this.category = category; |
|  | } |
|  |  |
|  |  |
|  | } |

**Purchase.java**

|  |
| --- |
| package com.ss.model; |
|  |  |
|  | import java.sql.Date; |
|  |  |
|  | import javax.persistence.Entity; |
|  | import javax.persistence.Id; |
|  | import javax.persistence.OneToOne; |
|  |  |
|  | import com.ss.model.Customer; |
|  |  |
|  | @Entity |
|  | public class Purchase { |
|  | @Id |
|  | private int id; |
|  | private float size; |
|  | private Date dop; |
|  | private int quantity; |
|  | private float totalcost; |
|  | private int productid; |
|  | @OneToOne |
|  | private Customer customer; |
|  |  |
|  |  |
|  | public Purchase() { |
|  | super(); |
|  | } |
|  |  |
|  |  |
|  | public Purchase(int id, float size, Date dop, int quantity, float totalcost, int productid, Customer customer) { |
|  | super(); |
|  | this.id = id; |
|  | this.size = size; |
|  | this.dop = dop; |
|  | this.quantity = quantity; |
|  | this.totalcost = totalcost; |
|  | this.productid = productid; |
|  | this.customer = customer; |
|  | } |
|  |  |
|  |  |
|  | public int getId() { |
|  | return id; |
|  | } |
|  |  |
|  | public void setId(int id) { |
|  | this.id = id; |
|  | } |
|  |  |
|  | public float getSize() { |
|  | return size; |
|  | } |
|  |  |
|  | public void setSize(float size) { |
|  | this.size = size; |
|  | } |
|  |  |
|  | public Date getDop() { |
|  | return dop; |
|  | } |
|  |  |
|  | public void setDop(Date dop) { |
|  | this.dop = dop; |
|  | } |
|  |  |
|  | public int getQuantity() { |
|  | return quantity; |
|  | } |
|  |  |
|  | public void setQuantity(int quantity) { |
|  | this.quantity = quantity; |
|  | } |
|  |  |
|  | public float getTotalcost() { |
|  | return totalcost; |
|  | } |
|  |  |
|  | public void setTotalcost(float totalcost) { |
|  | this.totalcost = totalcost; |
|  | } |
|  |  |
|  | public int getProductid() { |
|  | return productid; |
|  | } |
|  |  |
|  | public void setProductid(int productid) { |
|  | this.productid = productid; |
|  | } |
|  |  |
|  | public Customer getCustomer() { |
|  | return customer; |
|  | } |
|  |  |
|  | public void setCustomer(Customer customer) { |
|  | this.customer = customer; |
|  | } |
|  |  |
|  |  |
|  | } |

**Adminrepository.java**

|  |
| --- |
| package com.ss.repository; |
|  |  |
|  | import java.util.List; |
|  |  |
|  | import org.springframework.data.jpa.repository.JpaRepository; |
|  | import org.springframework.data.jpa.repository.Query; |
|  |  |
|  | import com.ss.model.Admin; |
|  |  |
|  | public interface AdminRepository extends JpaRepository<Admin,String>{ |
|  | Admin findByUsername(String username); |
|  |  |
|  | @Query(value="SELECT username FROM Admin",nativeQuery=true) |
|  | public List<String> findUsenames(); |
|  | } |

**Cartrepository.java**

|  |
| --- |
| Package com.ss.repository; |
|  |  |
|  | import org.springframework.data.jpa.repository.JpaRepository; |
|  |  |
|  | import com.ss.model.Cart; |
|  |  |
|  | public interface CartRepository extends JpaRepository<Cart, Integer>{ |
|  |  |
|  | } |

**Customerrepository.java**

|  |
| --- |
| package com.ss.repository; |
|  |  |
|  | import java.util.List; |
|  |  |
|  | import org.springframework.data.jpa.repository.JpaRepository; |
|  | import org.springframework.data.jpa.repository.Query; |
|  |  |
|  | import com.ss.model.Customer; |
|  |  |
|  | public interface CustomerRepository extends JpaRepository<Customer, String> { |
|  |  |
|  | Customer findByEmail(String email); |
|  |  |
|  | @Query("SELECT c FROM Customer c WHERE c.email LIKE %?1%" |
|  | +" OR c.name LIKE %?1%" |
|  | +" OR c.contact LIKE %?1%") |
|  | public List<Customer> userSearch(String name); |
|  |  |
|  | @Query("SELECT c.email from Customer c") |
|  | public List<String> customerEmails(); |
|  | } |

**Productrepository.java**

|  |
| --- |
| package com.ss.repository; |
|  |  |
|  | import java.util.List; |
|  |  |
|  | import org.springframework.data.jpa.repository.JpaRepository; |
|  | import org.springframework.data.jpa.repository.Query; |
|  |  |
|  | import com.ss.model.Product; |
|  |  |
|  | public interface ProductRepository extends JpaRepository<Product, Integer> { |
|  | Product findById(int id); |
|  |  |
|  | @Query("Select id from Product where category Like %?1%") |
|  | List<Integer> getByCategory(String keyword); |
|  |  |
|  | @Query("SELECT p FROM Product p WHERE p.company LIKE %?1%" |
|  | +" OR p.name LIKE %?1%" |
|  | +" OR p.price LIKE %?1%" |
|  | +" OR p.category LIKE %?1%") |
|  | public List<Product> homeSearch(String keyword); |
|  | } |

**Purchaserepository.java**

|  |
| --- |
| package com.ss.repository; |
|  |  |
|  | import java.sql.Date; |
|  | import java.util.List; |
|  |  |
|  | import org.springframework.data.jpa.repository.JpaRepository; |
|  | import org.springframework.data.jpa.repository.Query; |
|  |  |
|  | import com.ss.model.Purchase; |
|  |  |
|  | public interface PurchaseRepository extends JpaRepository<Purchase, Integer>{ |
|  |  |
|  |  |
|  | @Query("SELECT p FROM Purchase p WHERE p.customer.email LIKE %?1%") |
|  | public List<Purchase> getByEmail(String email); |
|  |  |
|  | public List<Purchase> findByDop(Date dop); |
|  | public List<Purchase> findByproductid(int id); |
|  | } |

**Sportyshoe.java**

|  |
| --- |
| package com.ss; |
|  |  |
|  | import org.springframework.boot.SpringApplication; |
|  | import org.springframework.boot.autoconfigure.SpringBootApplication; |
|  |  |
|  | @SpringBootApplication |
|  | public class Sportyshoe { |
|  |  |
|  | public static void main(String[] args) { |
|  | SpringApplication.run(Phase3ProjectApplication.class, args); |
|  | } |
|  |  |
|  | } |