CustomerController.java

package com.example.bookstoreapi.controllers;

import com.example.bookstoreapi.models.Customer;

import com.example.bookstoreapi.services.CustomerService;

import org.springframework.beans.factory.annotation.Autowired;

import org.springframework.http.HttpStatus;

import org.springframework.http.ResponseEntity;

import org.springframework.web.bind.annotation.\*;

import javax.validation.Valid;

@RestController

@RequestMapping("/customers")

public class CustomerController {

private final CustomerService customerService;

@Autowired

public CustomerController(CustomerService customerService) {

this.customerService = customerService;

}

@PostMapping(consumes = "application/json")

public ResponseEntity<Customer> createCustomer(@RequestBody @Valid Customer customer) {

Customer newCustomer = customerService.createCustomer(customer);

return new ResponseEntity<>(newCustomer, HttpStatus.CREATED);

}

@PostMapping("/register")

public ResponseEntity<Customer> registerCustomer(@RequestParam("name") String name,

@RequestParam("email") String email,

@RequestParam("password") String password) {

Customer customer = new Customer(name, email, password);

Customer newCustomer = customerService.createCustomer(customer);

return new ResponseEntity<>(newCustomer, HttpStatus.CREATED);

}

}

CustomerService.java

package com.example.bookstoreapi.services;

import com.example.bookstoreapi.models.Customer;

import com.example.bookstoreapi.repositories.CustomerRepository;

import org.springframework.beans.factory.annotation.Autowired;

import org.springframework.stereotype.Service;

@Service

public class CustomerService {

private final CustomerRepository customerRepository;

@Autowired

public CustomerService(CustomerRepository customerRepository) {

this.customerRepository = customerRepository;

}

public Customer createCustomer(Customer customer) {

return customerRepository.save(customer);

}

}

CustomerRepository.java

package com.example.bookstoreapi.repositories;

import com.example.bookstoreapi.models.Customer;

import org.springframework.data.jpa.repository.JpaRepository;

public interface CustomerRepository extends JpaRepository<Customer, Long> {

}

Customer.java

package com.example.bookstoreapi.models;

import javax.persistence.Entity;

import javax.persistence.GeneratedValue;

import javax.persistence.GenerationType;

import javax.persistence.Id;

import javax.validation.constraints.Email;

import javax.validation.constraints.NotBlank;

@Entity

public class Customer {

@Id

@GeneratedValue(strategy = GenerationType.IDENTITY)

private Long id;

@NotBlank

private String name;

@Email

private String email;

@NotBlank

private String password;

// getters and setters

}

Here's what's new:

Request Body: The createCustomer endpoint accepts a JSON request body to create a new customer. The @RequestBody annotation is used to bind the JSON data to a Customer object.

Form Data: The registerCustomer endpoint processes form data for customer registrations. The @RequestParam annotation is used to bind the form data to method parameters.