**Hotel Module**

HotelBooking

package com.Springbootpace.SpringBoot.Entity;

import jakarta.persistence.\*;

*@Entity*

*@Table*(name = "hotel\_bookings")

public class HotelBooking {

*@Id*

*@GeneratedValue*(strategy = *GenerationType*.***IDENTITY***)

private Long id;

private Long userId;

private String name;

private String hotelName;

private int persons;

private String date;

private int days;

private double totalPrice;

// Getters and Setters

public String getDate() { return date; }

public void setDate(String date) { this.date = date; }

public Long getId() { return id; }

public void setId(Long id) { this.id = id; }

public Long getUserId() { return userId; }

public void setUserId(Long userId) { this.userId = userId; }

public String getName() { return name; }

public void setName(String name) { this.name = name; }

public String getHotelName() { return hotelName; }

public void setHotelName(String hotelName) { this.hotelName = hotelName; }

public int getPersons() { return persons; }

public void setPersons(int persons) { this.persons = persons; }

public int getDays() { return days; }

public void setDays(int days) { this.days = days; }

public double getTotalPrice() { return totalPrice; }

public void setTotalPrice(double totalPrice) { this.totalPrice = totalPrice; }

}

HotelBookingRepository

package com.Springbootpace.SpringBoot.Repositary;

import com.Springbootpace.SpringBoot.Entity.CabBooking;

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

import org.springframework.stereotype.Repository;

import java.util.List;

@Repository

public interface CabBookingRepository extends JpaRepository<CabBooking, Long> {

List<CabBooking> findByUserId(Long userId);

}

HotelBookingService

package com.Springbootpace.SpringBoot.Service;

import java.util.List;

import com.Springbootpace.SpringBoot.Entity.HotelBooking;

public interface HotelBookingService {

// Save hotel booking

HotelBooking saveBooking(HotelBooking booking);

// Get all bookings

List<HotelBooking> getAllBookings();

// Get bookings by user ID

List<HotelBooking> getBookingsByUserId(Long userId);

void deleteBooking(Long id);

}

HotelBookingServiceImpl

package com.Springbootpace.SpringBoot.Service;

import com.Springbootpace.SpringBoot.Entity.FlightBooking;

import com.Springbootpace.SpringBoot.Repositary.FlightBookingRepository;

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

import org.springframework.stereotype.Service;

import java.util.List;

@Service

public class FlightBookingServiceImpl implements FlightBookingService {

@Autowired

private FlightBookingRepository flightBookingRepository;

@Override

public FlightBooking saveBooking(FlightBooking booking) {

return flightBookingRepository.save(booking);

}

@Override

public List<FlightBooking> getAllBookings() {

return flightBookingRepository.findAll();

}

@Override

public List<FlightBooking> getBookingsByUserId(Long userId) {

return flightBookingRepository.findByUserId(userId);

}

@Override

public void deleteBooking(Long id) {

flightBookingRepository.deleteById(id);

}

}

HotelBookingController

package com.Springbootpace.SpringBoot.Controller;

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

import org.springframework.http.ResponseEntity;

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

import com.Springbootpace.SpringBoot.Entity.HotelBooking;

import com.Springbootpace.SpringBoot.Service.HotelBookingService;

import java.util.List;

@RestController

@RequestMapping("/api/hotels")

@CrossOrigin(origins = "\*")

public class HotelBookingController {

@Autowired

private HotelBookingService hotelBookingService;

@PostMapping("/book")

public HotelBooking bookHotel(@RequestBody HotelBooking booking) {

return hotelBookingService.saveBooking(booking);

}

@GetMapping("/user/{userId}")

public List<HotelBooking> getBookingsByUser(@PathVariable Long userId) {

return hotelBookingService.getBookingsByUserId(userId);

}

@GetMapping("/all")

public List<HotelBooking> getAllBookings() {

return hotelBookingService.getAllBookings();

}

@DeleteMapping("/{id}")

public ResponseEntity<String> deleteBooking(@PathVariable Long id) {

hotelBookingService.deleteBooking(id);

return ResponseEntity.ok("Hotel booking deleted successfully");

}

}