Customer class:

**import** org.springframework.data.annotation.Id;

**import** org.springframework.data.mongodb.core.mapping.Document;

@Document("Customer")

**public** **class** Customer {

@Id

**private** String customerId;

**private** String customerName;

**private** String customerContactNo;

**private** String customerCity;

**public** Customer(String customerName, String customerContactNo, String customerCity) {

**super**();

**this**.customerName = customerName;

**this**.customerContactNo = customerContactNo;

**this**.customerCity = customerCity;

}

**public** String getCustomerId() {

**return** customerId;

}

**public** String getCustomerName() {

**return** customerName;

}

**public** String getCustomerContactNo() {

**return** customerContactNo;

}

**public** String getCustomerCity() {

**return** customerCity;

}

**public** **void** setCustomerId(String customerId) {

**this**.customerId = customerId;

}

**public** **void** setCustomerName(String customerName) {

**this**.customerName = customerName;

}

**public** **void** setCustomerContactNo(String customerContactNo) {

**this**.customerContactNo = customerContactNo;

}

**public** **void** setCustomerCity(String customerCity) {

**this**.customerCity = customerCity;

}

@Override

**public** String toString() {

**return** "Customer [customerId=" + customerId + ", customerName=" + customerName + ", customerContactNo="

+ customerContactNo + ", customerCity=" + customerCity + "]";

}

}

Controller class:

**import** java.util.List;

**import** java.util.Optional;

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

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

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

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

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

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

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

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

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

@RestController

@RequestMapping("/customer")

**public** **class** CustomerController {

@Autowired

CustomerRepository cRepo;

@PostMapping("/add")

**public** Customer addCustomer(@RequestBody Customer emp){

Customer e = cRepo.save(emp);

**return** e;

}

@GetMapping("/find/{id}")

**public** Optional<Customer> searchCustomerById(@PathVariable("id") String id){

Optional<Customer> e = cRepo.findById(id);

**return** e;

}

@DeleteMapping("/delete/{id}")

**public** String deleteCustomerById(@PathVariable("id") String id){

cRepo.deleteById(id);

**return** "Customer " + id + " deleted!";

}

@GetMapping("/findall")

**public** List<Customer> findCustomers(){

**return** (List<Customer>) cRepo.findAll();

}

@PutMapping("/update")

**public** Customer updateCustomer(@RequestBody Customer emp){

Customer e = cRepo.save(emp);

**return** e;

}

Repository:

**import** org.springframework.data.repository.CrudRepository;

**public** **interface** CustomerRepository **extends** CrudRepository<Customer, String> {

}

Main class:

**import** org.springframework.boot.SpringApplication;

**import** org.springframework.boot.autoconfigure.SpringBootApplication;

@SpringBootApplication

**public** **class** CustomerApplication {

**public** **static** **void** main(String[] args) {

SpringApplication.*run*(CustomerApplication.**class**, args);

}

}