**Order class:**

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

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

@Document("Order")

**public** **class** Order {

**private** String userId;

@Id

**private** String orderId;

**private** **double** amount;

**public** Order(String userId, String orderId, **double** amount) {

**super**();

**this**.userId = userId;

**this**.orderId = orderId;

**this**.amount = amount;

}

**public** Order(String userId, **double** amount) {

**super**();

**this**.userId = userId;

**this**.amount = amount;

}

**public** Order() {

}

**public** String getUserId() {

**return** userId;

}

**public** String getOrderId() {

**return** orderId;

}

**public** **double** getAmount() {

**return** amount;

}

**public** **void** setUserId(String userId) {

**this**.userId = userId;

}

**public** **void** setOrderId(String orderId) {

**this**.orderId = orderId;

}

**public** **void** setAmount(**double** amount) {

**this**.amount = amount;

}

@Override

**public** String toString() {

**return** "Order [userId=" + userId + ", orderId=" + orderId + ", amount=" + amount + "]";

}

}

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.RequestMapping;

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

@RestController

@RequestMapping("/order")

**public** **class** OrderController {

@Autowired

OrderRepository orepo;

@PostMapping("/addData")

**public** **void** addData() {

orepo.save(**new** Order("100","1",400.76));

orepo.save(**new** Order("101","2",600.80));

orepo.save(**new** Order("102","3",200.76));

orepo.save(**new** Order("100","4",890.76));

orepo.save(**new** Order("102","5",200.76));

orepo.save(**new** Order("100","6",900.76));

orepo.save(**new** Order("100","7",4500));

System.***out***.println("DATA ADDED TO DATABASE.....");

}

@PostMapping("/placeOrder/{userid}/{amt}")

**public** String placeOrder(@PathVariable("userid") String userId, @PathVariable("amt") **double** amount) {

orepo.save(**new** Order(userId, amount));

**return** "Order Placed!";

}

@PutMapping("/updateOrder/{orderid}/{amt}")

**public** String updateOrder(@PathVariable("orderid") String orderId, @PathVariable("amt") **double** amount) {

Order orderToUpdate = orepo.getOrderByOrderId(orderId);

**if**(orderToUpdate != **null**) {

orderToUpdate.setAmount(amount);

orepo.save(orderToUpdate);

**return** "Order Updated!";

} **else** {

**return** "Order Not Updated!";

}

}

@GetMapping("/viewOrder/{orderid}")

**public** Optional<Order> viewOrder(@PathVariable("orderid") String orderId) {

**return** orepo.findById(orderId);

}

@GetMapping("/viewAll")

**public** List<Order> viewAllOrders() {

**return** orepo.findAll();

}

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

**public** String deleteOrder(@PathVariable("orderid") String orderId) {

orepo.deleteById(orderId);

**return** "Order deleted.";

}

}

Repository:

**import** org.springframework.data.mongodb.repository.MongoRepository;

**import** org.springframework.data.mongodb.repository.Query;

**public** **interface** OrderRepository **extends** MongoRepository<Order, String> {

@Query("{\_id:?0}")

Order getOrderByOrderId(String id);

}

Main class:

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

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

@SpringBootApplication

**public** **class** UserOrders {

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

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

System.***out***.println("App started...");

}

}