Abhishek Rajput (22070122007)

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Screenshot 1 (top):

POST {{baseURL}} /api/orders/create/1415858f-94e4-4653-b68f-983c045916e0?deduct=100&failAfterSave=false

```json
    "items": [
        {
            "productName": "Widget A",
            "quantity": 2,
            "price": 10.5
        },
        {
            "productName": "Widget B",
            "quantity": 1,
            "price": 5.0
```

200 OK · 231 ms · 98.14 KB

```json
{
    "id": 1,
    "orderDate": "2025-08-16T14:15:11.746274",
    "status": "PENDING",
    "totalAmount": 26.0,
    "customer": {
        "id": "1415858f-94e4-4653-b68f-983c045916e0",
        "name": "Alice Singh Example",
        "email": "alicesingh@example.com",
        "registeredDate": "2025-08-16T14:13:49.434107",
        "deleted": false,
        "creditLimit": 900.00,
        "orders": [
```


Screenshot 2 (bottom):

POST {{baseURL}} /api/orders/create/1415858f-94e4-4653-b68f-983c045916e0?deduct=100&failAfterSave=true

```json
    "items": [
        {
            "productName": "Widget A",
            "quantity": 2,
            "price": 10.5
        },
        {
            "productName": "Widget B",
            "quantity": 1,
            "price": 5.0
```

500 Internal Server Error · 77 ms · 6.38 KB

```json
{
    "timestamp": "2025-08-16T08:45:59.751+00:00",
    "status": 500,
    "error": "Internal Server Error",
    "trace": "java.lang.RuntimeException: Simulated failure after saving order — should rollback everything\r\n\tat com.example.
        advancedjpa.demo.service.OrderService.createOrderAndDeduct(OrderService.java:38)\r\n\tat java.base/jdk.internal.reflect.
        DirectMethodHandleAccessor.invoke(DirectMethodHandleAccessor.java:103)\r\n\tat java.base/java.lang.reflect.Method.invoke(Method.
        java:580)\r\n\tat org.springframework.aop.support.AopUtils.invokeJoinpointUsingReflection(AopUtils.java:360)\r\n\tat org.
        springframework.aop.framework.ReflectiveMethodInvocation.invokeJoinpoint(ReflectiveMethodInvocation.java:196)\r\n\tat org.
        springframework.aop.framework.ReflectiveMethodInvocation.proceed(ReflectiveMethodInvocation.java:163)\r\n\tat org.springframework.
        transaction.interceptor.TransactionAspectSupport.invokeWithinTransaction(TransactionAspectSupport.java:380)\r\n\tat org.
        springframework.transaction.interceptor.TransactionInterceptor.invoke(TransactionInterceptor.java:119)\r\n\tat org.springframework.
        aop.framework.ReflectiveMethodInvocation.proceed(ReflectiveMethodInvocation.java:184)\r\n\tat org.springframework.aop.framework.
```