**Cart-service:**

|  |  |
| --- | --- |
| Events | Listener |
| CartCheckedOutEvent | OrderPlacedEvent(Removed Items from Cart) |
| ItemAdded API |  |
| ItemRemoved API |  |
| Get Cart API (if new user create empty cart) |  |
|  |  |

**Order-Service**

|  |  |
| --- | --- |
| **Events** | **Listener** |
| **Create Order API** | CartCheckedOutEvent |
| OrderCreatedEvent | **PaymentSuceesEvent** |
| OrderCancelledEvent | **PaymentFailedEvent** |
| **OrderOnHoldEvent (Good to have)** | **ShipmentDeliveredEvent** |
| **OrderPlacedEvent** | **ShipmentReturnedEvent** |
| **OrderReturnedEvent** | **ShipmentOFDEvent** |
| **Get Orders API** |  |

**Payment-Service**

|  |  |
| --- | --- |
| **Events** | **Listener** |
| **PaymentCreatedEvent** | OrderCreatedEvent |
| **PaymentSuceesEvent** | OrderCancelledEvent |
| **PaymentFailedEvent** |  |
| **PaymentRefundEvent** |  |
|  |  |
|  |  |
|  |  |

**Product-Service**

|  |  |
| --- | --- |
| **Events** | **Listener** |
| **CategoryAddedEvent** | **InventoryUpdatedEvent** |
| **ProductAddedEvent** |  |
| **ProductPriceChangeEvent** |  |
| **ProductPublishEvent** |  |
|  |  |
|  |  |

**Inventory-Service**

|  |  |
| --- | --- |
| **Events** | **Listener** |
| **InventoryUpdatedEvent** | **CategoryAddedEvent** |
|  | **ProductAddedEvent** |
|  | **ProductPriceChangeEvent** |
|  | **ProductPublishEvent** |
|  |  |
|  |  |

**Shipment-Service**

|  |  |
| --- | --- |
| **Events** | **Listener** |
| **ShipmentCreatedEvent** | **OrderPlacedEvent** |
| **ShipmentDeliveredEvent** | **OrderCancelledEvent** |
| **ShipmentReturnedEvent** | **OrderReturnedEvent** |
| **ShipmentOFDEvent** |  |
|  |  |
|  |  |
|  |  |

**Customer-Service**

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| --- |
| **Events** |
| CustomerAddedEvents |
| AddressAddedEvent |
|  |
|  |
|  |