Event Table

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| # | Event | Trigger | Source | Use Case | Response | Destination |
| 1 | Customer registers a new account | • Customer info • Registration request | Customer | Register a new account | • Customer id  Confirmation message | Customer |
| 2 | Customer logins to the system | • Login request • email and password | Customer | login | • Authentication Token | Customer |
| 3 | Customer modifies shopping cart | • Item addition / deletion request | Customer | Modify Cart | • Updated shopping cart | Customer |
| 4 | Customer places an order | • Checkout request   * Order info | Customer | place an order | • Order confirmation | Customer |
| 5 | Customer cancels an order | • Order id • Cancel order request | Customer | Cancel order | • Cancellation message | Customer |
| 6 | Admin manage orders | • Order id  Approve/ prepare/cancel/archive order request | Admin | manage orders | Notification message  Updated order status | Customer delivery |
| 7 | Admin updates inventory | • Item addition / deletion / update | Admin | update inventory | • updated inventory |  |
| 8 | Delivery modifies orders state | • Order id  Approve/ archive order request | Delivery | modify orders state | • Tracking information  • Order state updated in database | Customer  Admin |
| 9 | system generate detailed report | • End of day |  | Generate report | • Daily report | admin |