

Business Requirement Document

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# 1. Overall Description

# In Magento E-commerce website when the order is placed it typically starts with a "Pending" status, indicating that it has been received but not yet processed. Once the order is invoiced and shipped, its status should be updated to "Completed”. In our project we are changing the status “completed” to “dispatched”. whenever the status is “dispatched” a button should appear and when we click on button the order status should be updated as “delivered”. And we need to update the status of the order placed using graphQl and API.

# 2. Functional Requirements

* Whenever the status order is “completed” it should change to “dispatched” by overriding the core module and adding logic code to the controller file.
* We should create new order state and status as “Delivered”.The changes should reflect in the database table “sales\_order\_status”.
* Whenever the order status is “dispatched” a button should be created,state and order status should be updated as “Delivered” when we click on that button.
* We should use Api and graphQl to update order status using post method and display the order status.The changes in order state should reflect in the database also.

# Operating Environment

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| Environment | **Version** |
| **Magento** | 2.4.5-p2 |
| **Composer** | 2.2 |
| **Elasticsearch** | 7.17 |
| **OpenSearch** | 1.2 |
| **MariaDB** | 10.4 |
| **MySQL** | 8.0 |
| **PHP** | 8.1 |
| **RabbitMQ** | 3.9 |
| **Redis** | 6.2 |
| **Varnish** | 7.0 |
| **nginx** | 1.18 |
| **AWS** | 8.0 |