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| 表格名稱 | 中文：物流  英文：Logistics | | 索引鍵 |  | |
| 主鍵 | log\_id | | 外來鍵 | order\_id->cart(order\_id)  mem\_id->MEM(MEMid)  prod\_id->PRODUCT(PROD\_ID)  comp\_id ->Logistics (comp\_id) | |
| 欄位編號 | 欄位名稱 | 欄位敘述 | 資料型態 | 欄位長度 | 備註 |
| 1 | log\_id | 物流編號 | INT |  | NOT NULL (PK) |
| 2 | order\_id | |  | | --- | |  |   訂單編號 | INT |  | NOT NULL (FK) |
| 3 | mem\_id | |  | | --- | |  |   會員編號 | INT |  | NOT NULL(FK) |
| 4 | prod\_id | |  | | --- | |  |   商品編號 | INT |  | NOT NULL(FK) |
| 5 | sender\_name | |  | | --- | |  |   寄件人名稱 | NVARCHAR | 20 | NOT NULL |
| 6 | sender\_address | |  | | --- | |  |   寄件人地址 | NVARCHAR | 50 | NOT NULL |
| 7 | receiver\_name | |  | | --- | |  |   收件人名稱 | NVARCHAR | 20 | NOT NULL |
| 8 | receiver\_address | |  | | --- | |  |   收件人地址 | NVARCHAR | 50 | NOT NULL |
| 9 | is\_island | |  | | --- | |  |   是否離島 | BIT | 0 | NOT NULL |
| 10 | shipping\_fee | 運費 | DECIMAL | 10,2 | NOT NULL |
| 11 | current\_status | 狀態 | NVARCHAR | 10 | NOT NULL |
| 12 | current\_location | |  | | --- | |  |   現在的物流地點 | NVARCHAR | 50 | NOT NULL |
| 13 | |  | | --- | |  |   created\_at   |  | | --- | |  | | 建立時間 | DATETIME |  | NOT NULL |
| 14 | updated\_at | 更新時間 | DATETIME |  | NOT NULL |
| 15 | comp\_id | 物流公司編號 | INT |  | NOT NULL(FK) |

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| 表格名稱 | 中文：物流節點  英文：Logistics\_Tracking | | 索引鍵 |  | |
| 主鍵 | trak\_id | | 外來鍵 | log\_id->Logistics (log\_id) | |
| 欄位編號 | 欄位名稱 | 欄位敘述 | 資料型態 | 欄位長度 | 備註 |
| 1 | trak\_id | 物流節點編號 | INT |  | NOT NULL (PK) |
| 2 | log\_id | 物流編號 | INT |  | NOT NULL (FK) |
| 3 | location\_name | |  | | --- | |  |   當下節點名稱 | NVARCHAR | 20 | NOT NULL |
| 4 | status | |  | | --- | |  |   當下物流狀態 | NVARCHAR | 10 | NOT NULL |
| 5 | timestamp | |  | | --- | |  |   狀態更新時間(預設當下) | DATETIME |  | NOT NULL |
| 6 | sequence | 節點順序編號 | INT |  | NOT NULL |

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| 表格名稱 | 中文：物流進度  英文：Logistics\_Extension | | 索引鍵 |  | |
| 主鍵 | exte\_id | | 外來鍵 | log\_id->Logistics (log\_id) | |
| 欄位編號 | 欄位名稱 | 欄位敘述 | 資料型態 | 欄位長度 | 備註 |
| 1 | exte\_id | 物流進度編號 | INT |  | NOT NULL (PK) |
| 2 | log\_id | 物流編號 | INT |  | NOT NULL (FK) |
| 3 | estimated\_arrival | |  | | --- | |  |   預估到貨時間 | DATETIME |  |  |
| 4 | actual\_arrival | |  | | --- | |  |   實際到貨時間 | DATETIME |  |  |
| 5 | dynamic\_fee | 動態運費 | DECIMAL | 10,2 |  |

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| 表格名稱 | 中文：物流公司  英文：Logistics\_Company | | 索引鍵 |  | |
| 主鍵 | exte\_id | | 外來鍵 |  | |
| 欄位編號 | 欄位名稱 | 欄位敘述 | 資料型態 | 欄位長度 | 備註 |
| 1 | comp\_id | 物流公司編號 | INT |  | NOT NULL (PK) |
| 2 | comp\_name | 物流公司名稱 | NVARCHAR | 20 | NOT NULL |