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| Task 1 | <p>Business Rules:</p> <ol style="list-style-type: none"> <li>Each customer can places one or many orders and each order will be placed by one and only one customer. (One to Many)</li> <li>Each order can consists of one or many items and each item can exists in one or many orders. (Many to Many)</li> <li>Business operation hours start from 9:00 am to 6:00 pm everyday except Sunday and public holiday.</li> <li>Defect item can be returned within 7 days based on order date.</li> </ol> <p>Assumptions:</p> <ol style="list-style-type: none"> <li>Each customer can opt to collect the purchase items on the sport or waiting for shipment service.</li> <li>Each item must go through quality control checking before it can be sold.</li> </ol>   | Total: 10 marks |
| Task 2 | <p>ERD (include relationship &amp; relationship lines):</p> <pre> erDiagram     Item   --}  Order_Details : Contain     Order_Details   --}  Order : Consist     Customer   --}  Order : Place     Order } --}  Shipment : Ship      Item {         string ItemNo PK         string Description         float Price         string Category     }     Order_Details {         string OrderNo PK, FK1         string ItemNo PK, FK2         float Quantity     }     Customer {         string CustomerID PK         string Name         string Address         string ContactNo     }     Order {         string OrderNo PK         datetime OrderDate         datetime OrderTime         float TotalAmount         string CustomerID FK1         string ShipmentNo FK2     }     Shipment {         string ShipmentNo PK         datetime ShipmentDate         string Remarks     } </pre> | Total: 10 marks |