



# ORDER PROCESSING SYSTEM

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# INTRODUCTION- ORDER PROCESSING SYSTEM



The Order Processing system is a web based application for processing orders and generating an invoice.



The system stores all specified data in the database .Data is being broadly defined as  
CUSTOMER,PRODUCTS,ORDER,INVOICE,COMPSNY,EMPLOYEE



Simplified Representation Modules-DFD,ER DIAGRAM,UML  
DIAGRAM



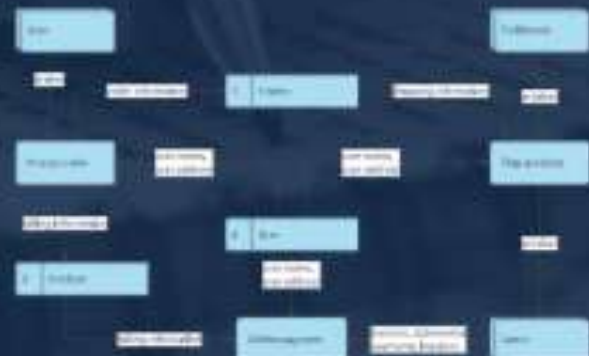
## FLOW-DIAGRAM

## DATA FLOW DIAGRAM(DFD)

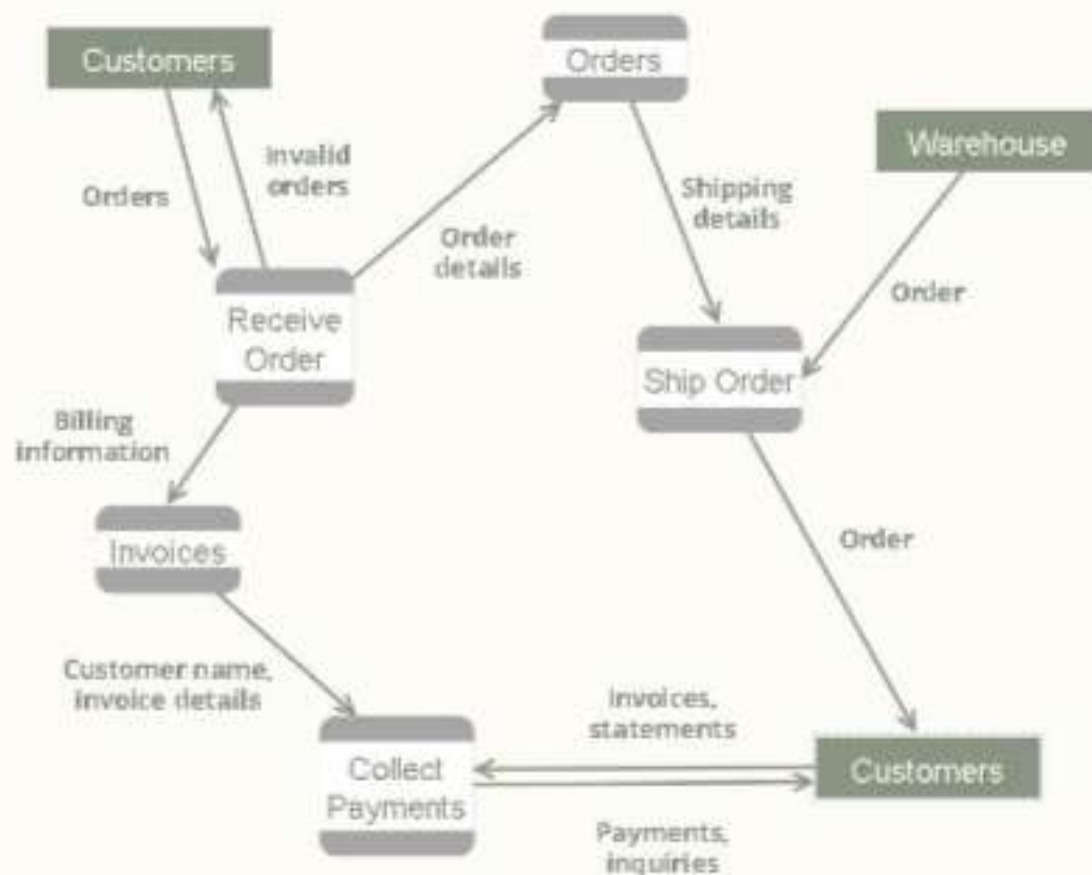
A data-flow diagram is a way of representing a flow of data through a process or a system.

The DFD also provides information about the outputs and inputs of each entity and the process itself. A data-flow diagram has no control flow — there are no decision rules and no loops.

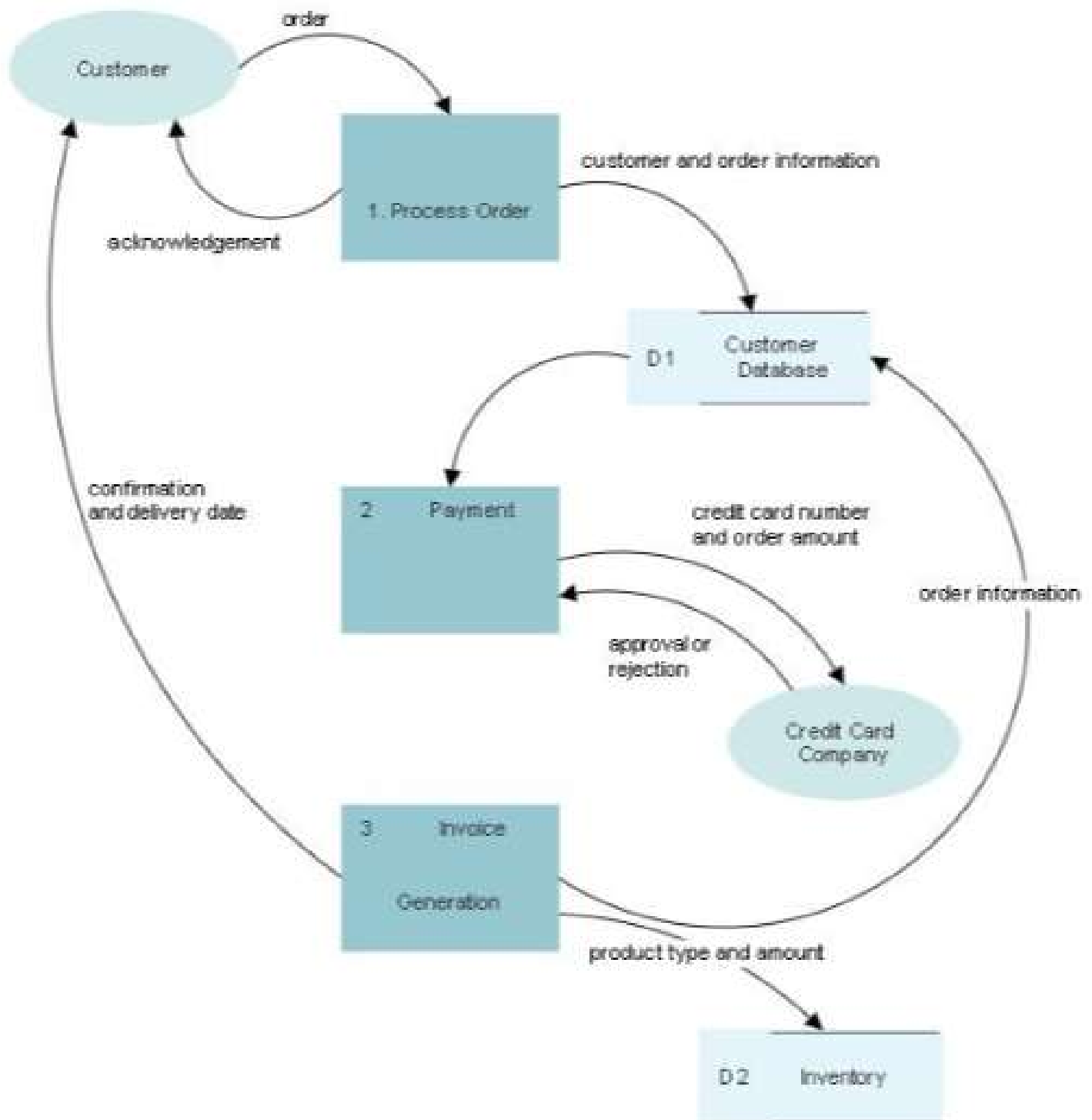
Data flowcharts can range from simple, even hand-drawn process overviews, to in-depth, multi-level DFDs that dig progressively deeper into how the data is handled.



**DFD - The traversal and the eventual flow between Customers , Collect payments , Invoices , Receieve order ,Ship order and Payments**



## Data Flow Diagram - Order Processing System





# UML DIAGRAM

A UML diagram is a diagram based on the UML (Unified Modeling Language) with the purpose of visually representing a system along with its main

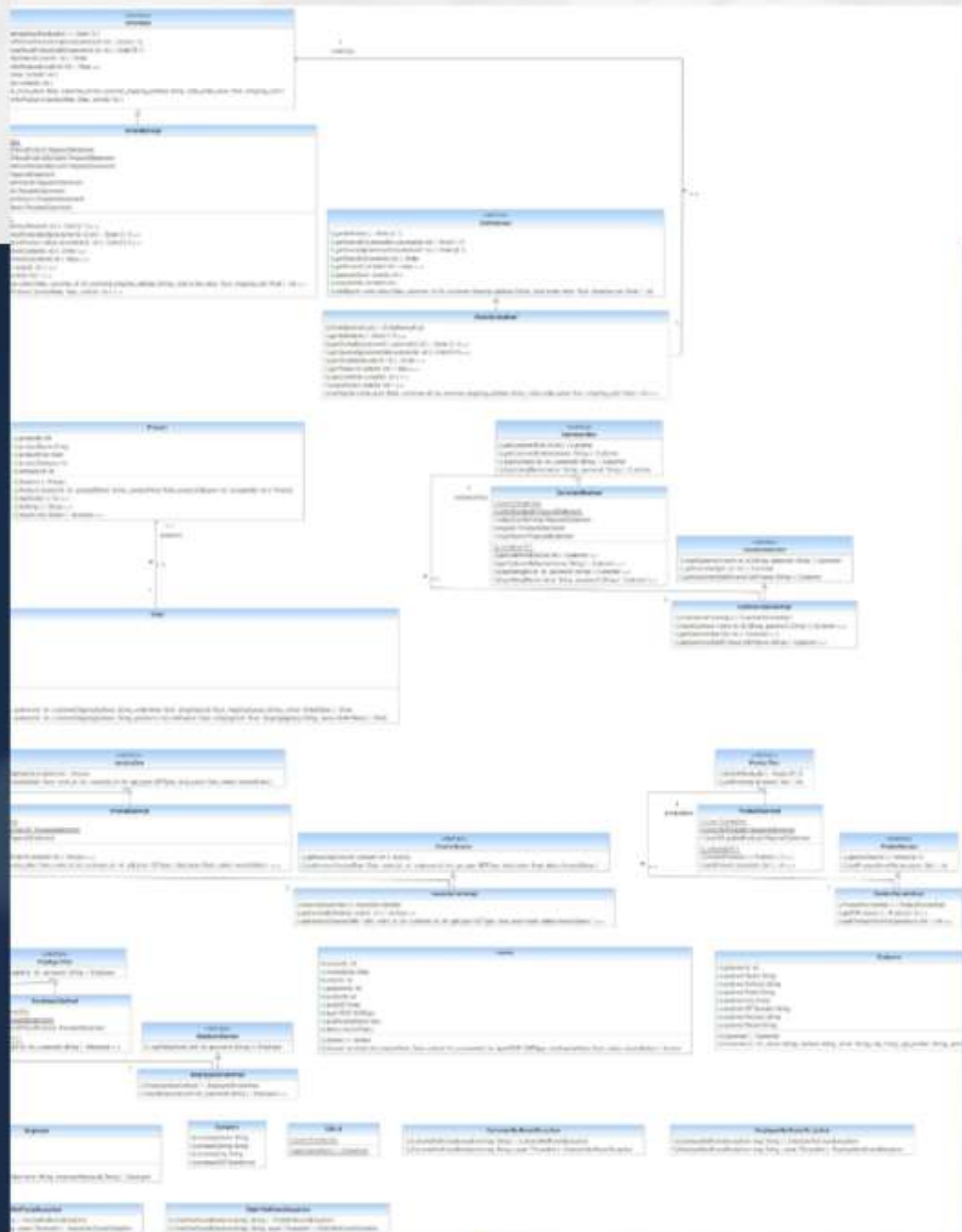


The unified modeling language is a general-purpose visual modeling language that is intended to provide a standard way to visualize the design of a system.

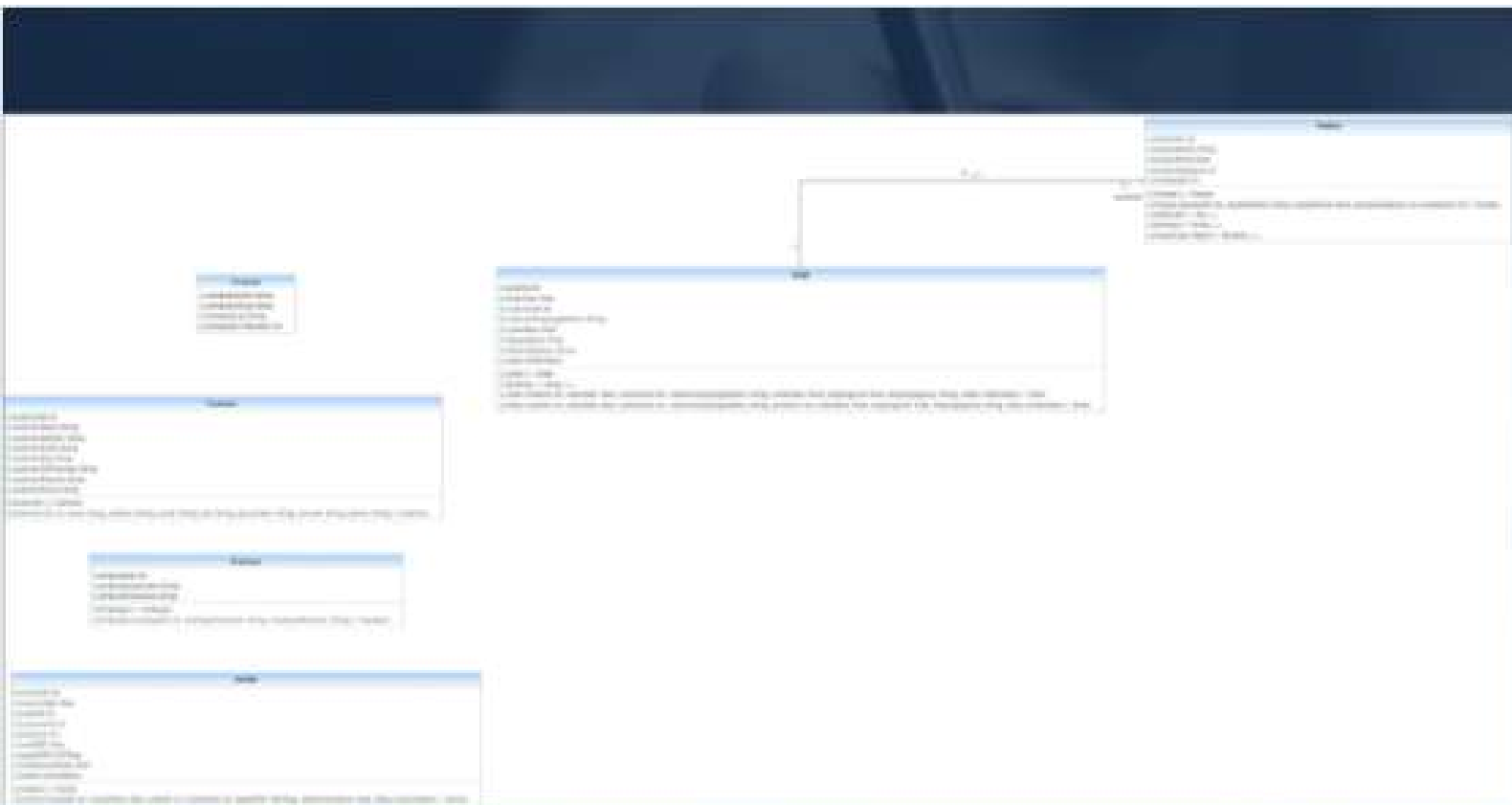


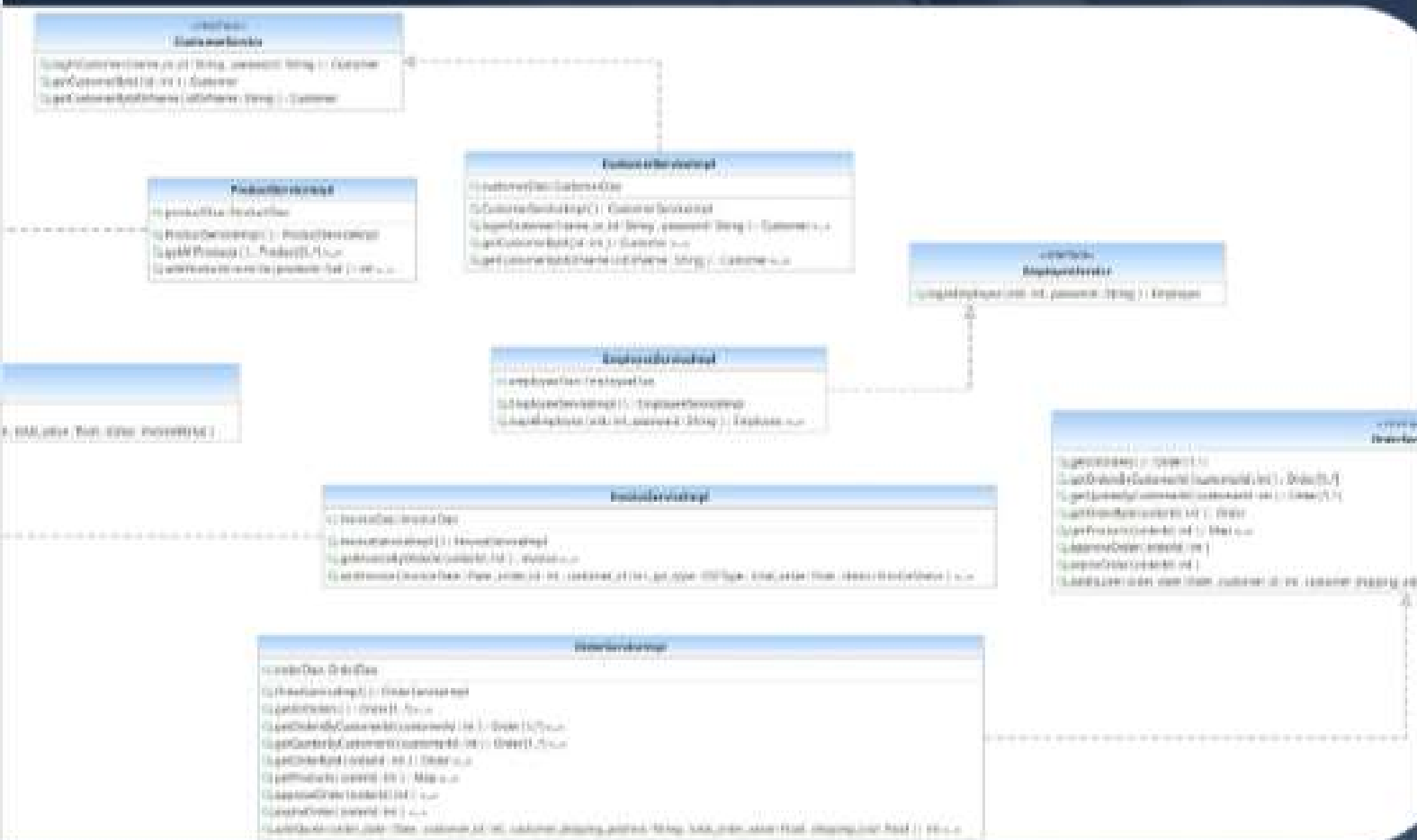
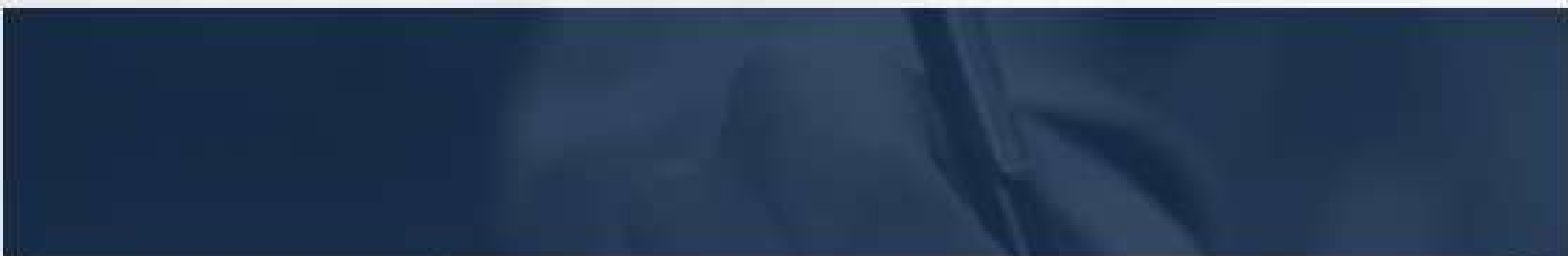
It is based on diagrammatic representations of software components. As the old proverb says: "a picture is worth a thousand words".

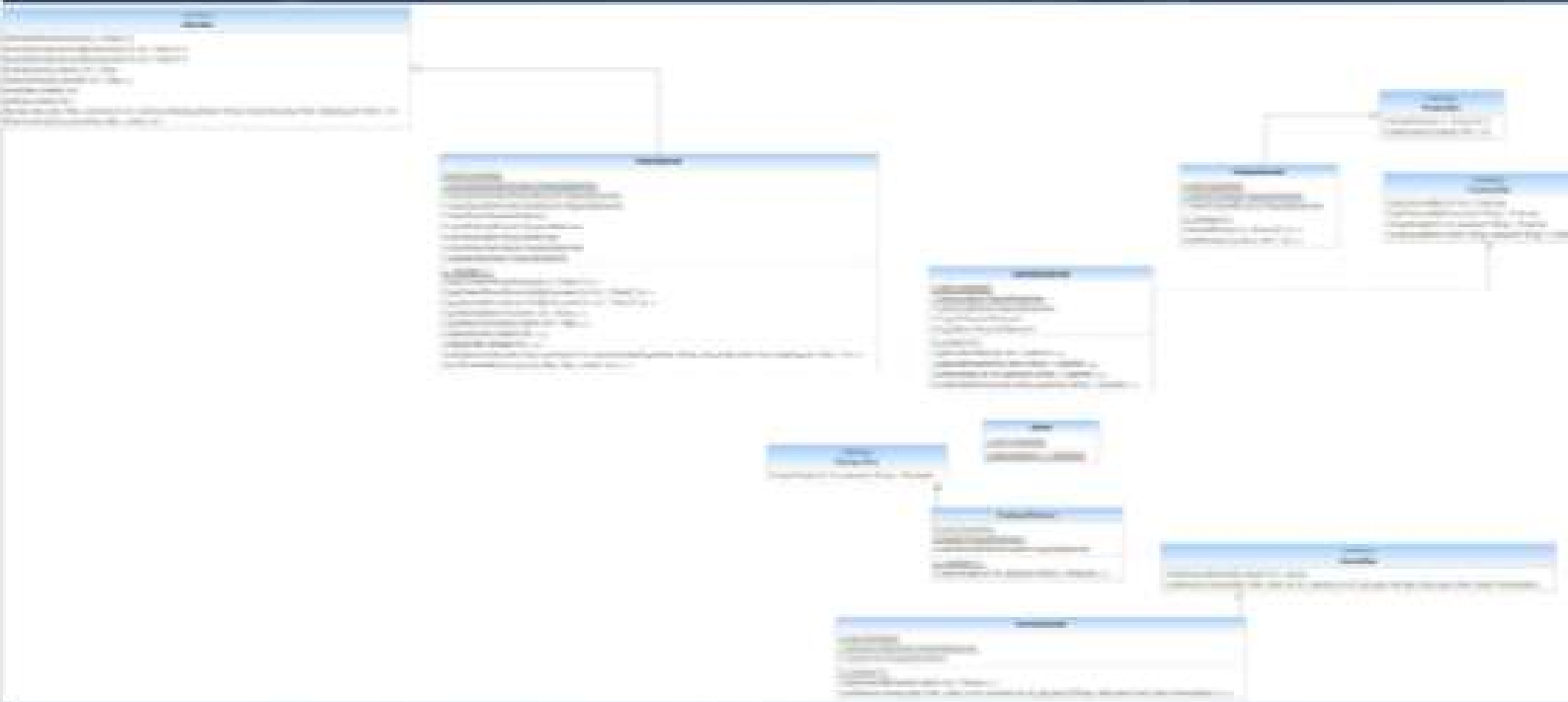














## **E-R DIAGRAM**

**AN ENTITY-RELATIONSHIP MODEL DESCRIBES INTERRELATED THINGS OF INTEREST IN A SPECIFIC DOMAIN OF KNOWLEDGE. A BASIC ER MODEL IS COMPOSED OF ENTITY TYPES AND SPECIFIES RELATIONSHIPS THAT CAN EXIST BETWEEN ENTITIES.**

