



# PHASE 2

## COMP306 – DATABASE SYSTEMS

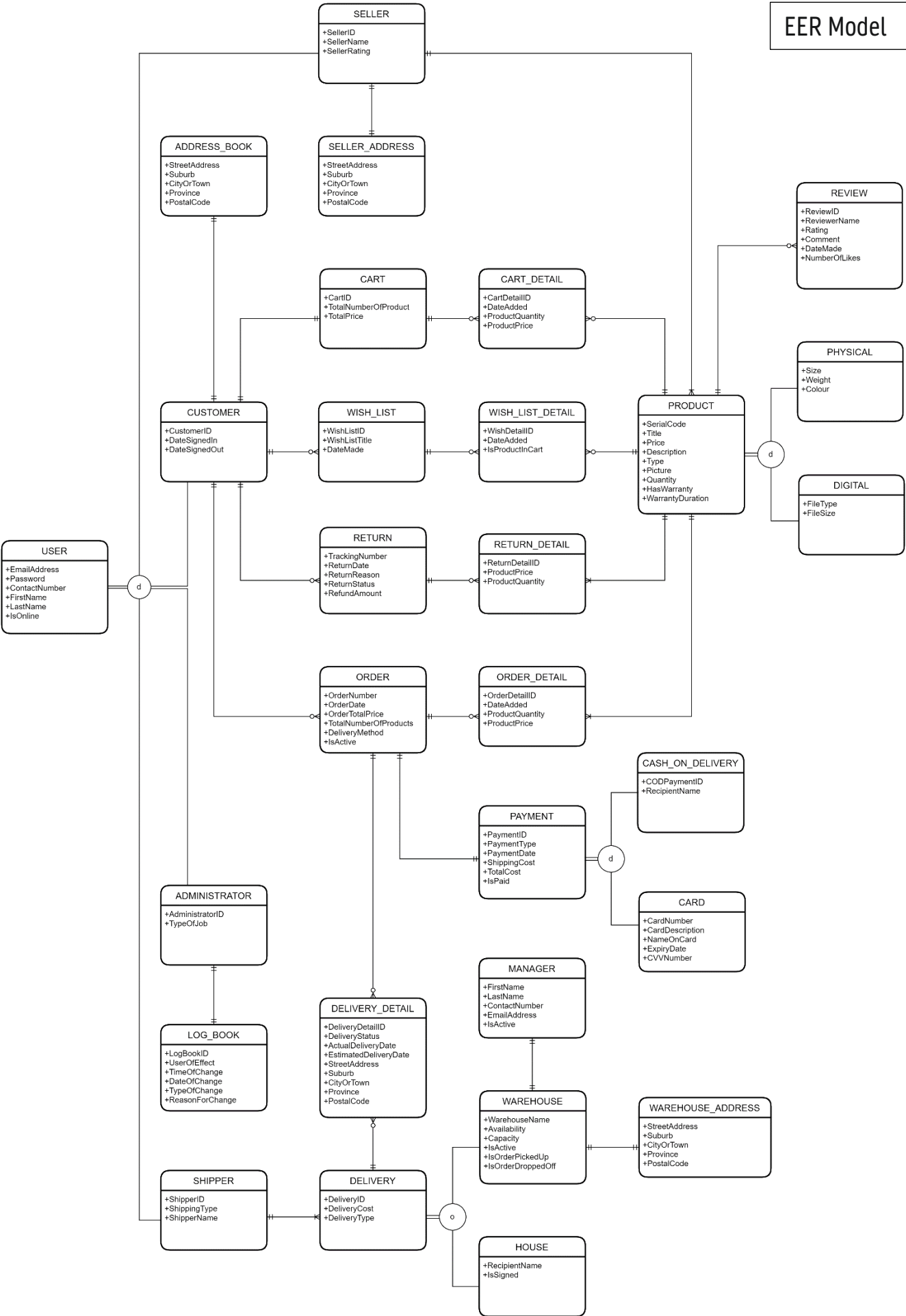
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# EER Model



## Relational Model

USER(EmailAddress, Password, ContactNumber, FirstName, LastName, IsOnline)

CUSTOMER(CustomerID, DateSignedIn, DateSignedOut, AddressBookID)

ADDRESS\_BOOK(AddressBookID, StreetAddress, Suburb, CityOrTown, Province, PostalCode)

CART(CartID, TotalNumberOfProduct, TotalPrice, CustomerID)

CART\_DETAIL(CartDetailID, DateAdded, ProductQuantity, ProductPrice, CartID, SerialCode)

WISH\_LIST(WishListID, WishListTitle, DateMade, CustomerID)

WISH\_LIST\_DETAIL(WishDetailID, DateAdded, IsProductInCart, WishListID, SerialCode)

RETURN(TrackingNumber, ReturnDate, ReturnReason, ReturnStatus, RefundAmount, CustomerID)

RETURN\_DETAIL(ReturnDetailID, ProductPrice, ProductQuantity, TrackingNumber, SerialCode)

ORDER(OrderNumber, OrderDate, OrderTotalPrice, TotalNumberOfProducts, DeliveryMethod, IsActive, CustomerID)

ORDER\_DETAIL(OrderDetailID, ProductQuantity, ProductPrice, OrderNumber, SerialCode)

PAYMENT(PaymentID, PaymentType, PaymentDate, ShippingCost, OrderTotalCost, IsPaid, OrderNumber)

CASH\_ON\_DELIVERY(CODPaymentID, RecipientName)

CARD(CardNumber, CardDescription, NameOnCard, ExpiryDate, CVVNumber)

SELLER(SellerID, SellerName, SellerRating, SellerAddressID)

SELLER\_ADDRESS(SellerAddressID, StreetAddress, Suburb, CityOrTown, Province, PostalCode)

PRODUCT(SerialCode, Title, Price, Description, Type, Picture, Quantity, HasWarranty, WarrantyDuration, SellerID)

PHYSICAL(PSerialCode, Size, Weight, Colour)

DIGITAL(DSerialCode, FileType, FileSize)

REVIEW(ReviewID, ReviewerName, Rating, Comment, DateMade, NumberOfLikes, SerialCode)

SHIPPER(ShipperID, ShippingType, ShipperName)

DELIVERY(DeliveryID, DeliveryCost, DeliveryType, ShipperID)

HOUSE(HDeliveryID, RecipientName, IsSigned)

WAREHOUSE(WDeliveryID, WarehouseName, Availability, Capacity, IsActive, IsOrderDroppedOff, IsOrderPickedUp)

WAREHOUSE\_ADDRESS(WarehouseAddressID, StreetAddress, Suburb, CityOrTown, Province, PostalCode, WDeliveryID)

MANAGER(ManagerEmailAddress, FirstName, LastName, ContactNumber, IsActive, WDeliveryID)

DELIVERY\_DETAIL(DeliveryDetailID, DeliveryAddress, DeliveryStatus, ActualDeliveryDate, EstimatedDeliveryDate, StreetAddress, Suburb, CityOrTown, Province, PostalCode, DeliveryID, OrderNumber)

ADMINISTRATOR(AdministratorID, TypeOfJob, LogBookID)

LOG\_BOOK(LogBookID, UserOfEffect, TimeOfChange, DateOfChange, TypeOfChange, ReasonForChange)