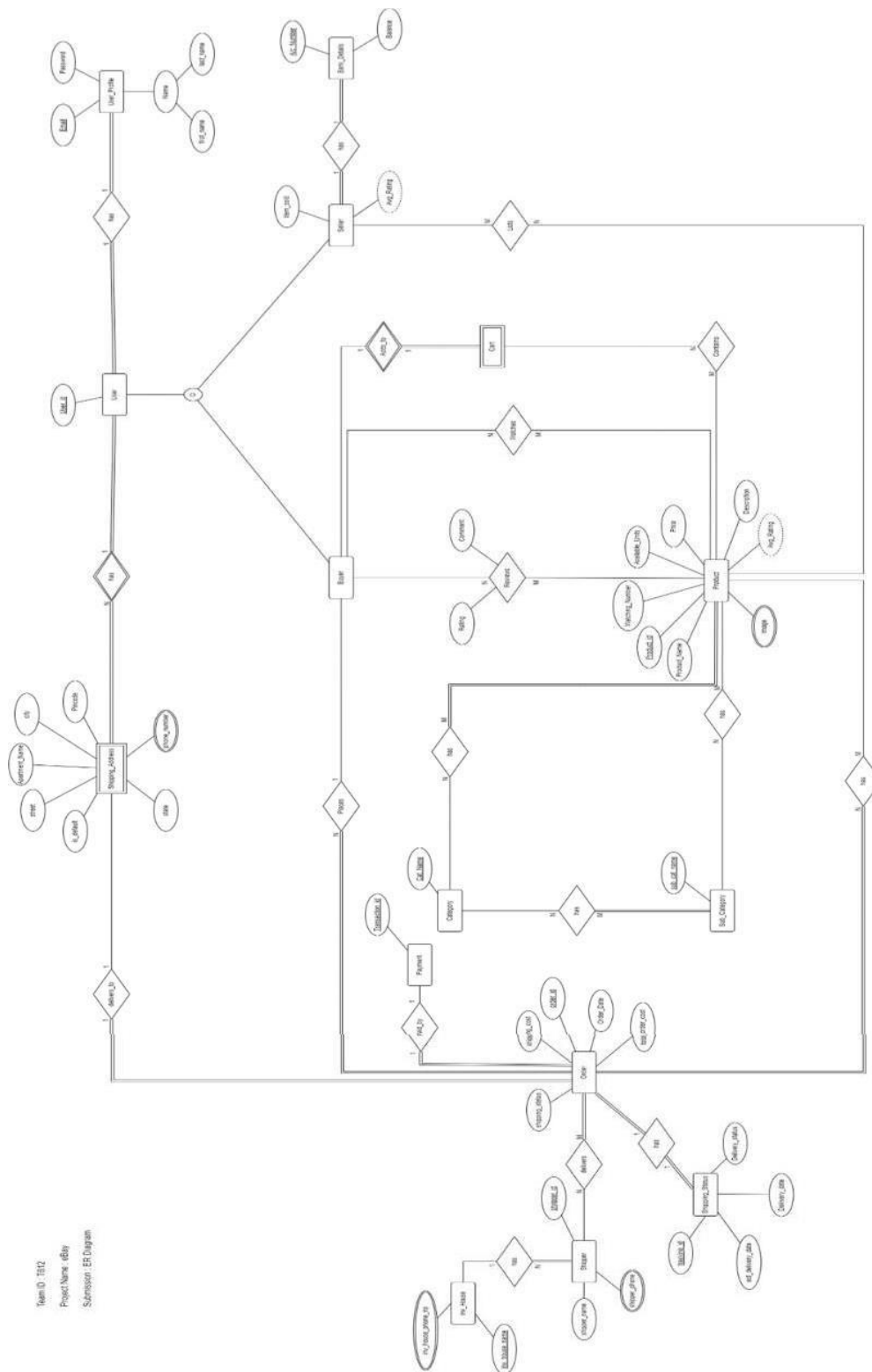


Database Management System Project

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❖ ER-Diagram for e-Bay:-

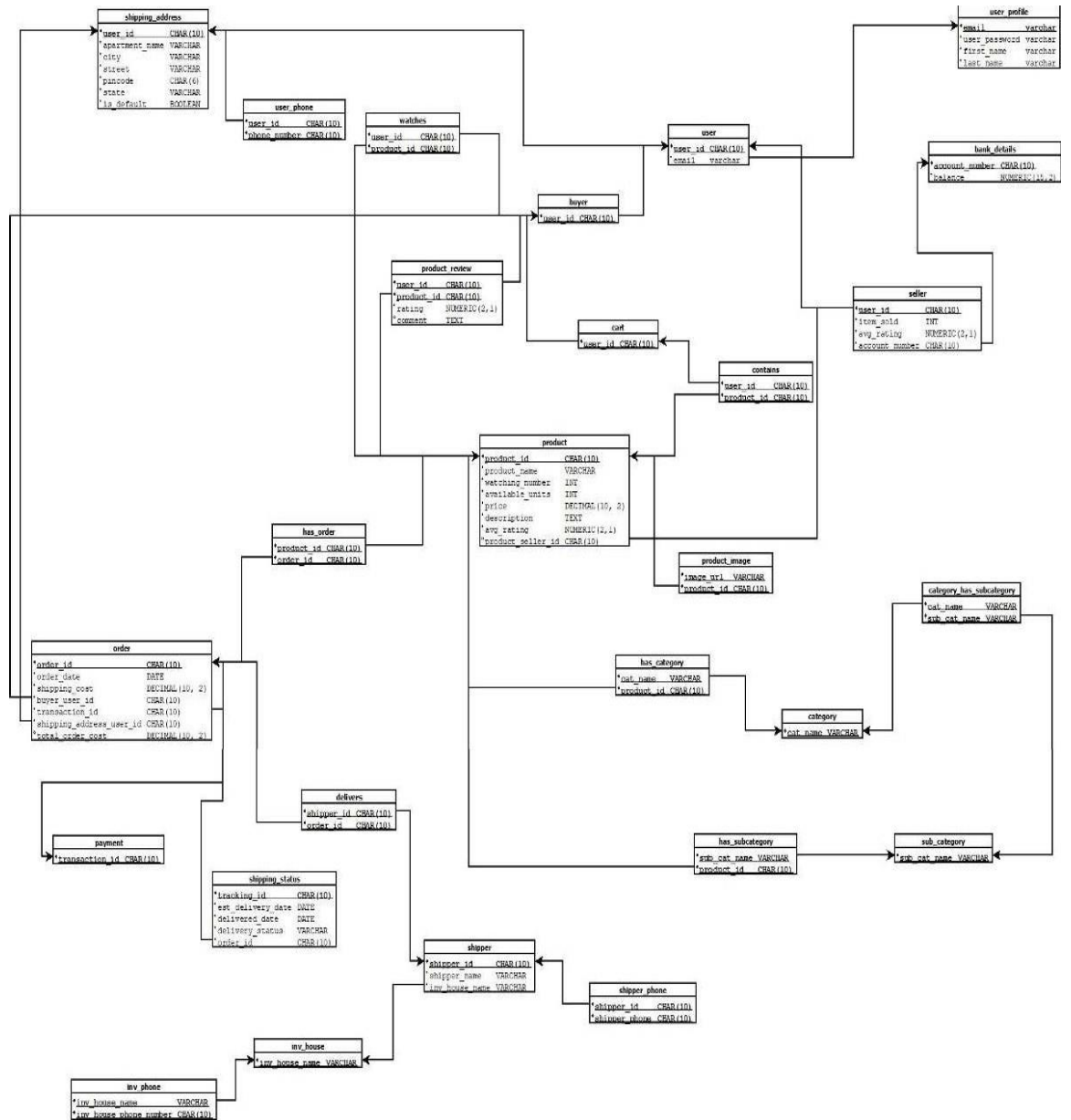


Team ID: T112

Project Name: eBay

Submission: ESI Diagram

❖ Relational Schema for e-Bay:-



❖ All Functional Dependencies :-

Email → Password
Email → first_name
Email → last_name
User_id → Email
User_id → item_sold
User_id → Avg_Rating
User_id → A/C_Number
A/C_Number → Balance
Product_id → Product_Name
Product_id → Watching_Number
Product_id → Available_Units
Product_id → Price
Product_id → Description
Product_id → Avg_Rating
Product_id → Product_Seller_id
{Product_id , User_id} → Rating
{Product_id , User_id} → Comments
Order_id → Order_Date
Order_id → Shipping_Cost
Order_id → Buyer_id
Order_id → Transaction_id
Order_id → Shipping_User_id
Order_id → Total_order_cost
Transaction_id → Order_id
Transaction_id → Order_Date
Transaction_id → Shipping_Cost
Transaction_id → Buyer_id
Transaction_id → Shipping_User_id
Transaction_id → Total_order_cost
tracking_id → Est_Delivery_Date
tracking_id → Delivered_Date

tracking_id → Delivery_Status
tracking_id → Order_id
Order_id → Est_Delivery_Date
Order_id → Delivered_Date
Order_id → Delivery_Status
Order_id → tracking_id
Shipper_id → Inv_House_Name
Shipper_id → Shipper_Name
Phone_No → Shipper_id
Inv_Phone_No → Inv_House_Name
User_id → Apartment_Name
User_id → City
User_id → Street
User_id → State
User_id → Pincode
User_id → Is_Default
Phone_No → User_id