Functional Dependencies

FD1: AptNo, city, Street → zipcode , Employee\_ID

FD2: SupervisorID, emp\_supervised\_ID -> emp\_superviserrad\_ID, SupervisorID

FD3: Shift\_crew\_ID -> shift\_slot, StoreID, EmployeeID

FD4: {StoreID, EmployeeID} → {Shift\_crew\_ID}

FD5: Invoice\_Number -> Invoice Date, Payment\_ID, Billing\_Address, Total\_Amount

FD6: {Payment\_ID} → {Invoice\_Number}

FD7: OrderID -> Orderitem, CustomerID, PaymentID, OrderDate, OrderStatus

FD8: {PaymentID} → {OrderID}

FD9: {CustomerID} → {OrderID}

FD10: {Order\_ID, Product\_ID} → {Quantity, Unit\_Price}

FD11: {Order\_ID} → {Product\_ID}

FD12: {Product\_ID} → {Order\_ID}

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

FD1: CustomerID → Email, Contactno, dob, Age, Gender

FD2: zipcode , CustomerID -> AptNo, city, street

FD3: TrackingNumber → Carrier, Delivery Date, Delivery Person, Shipping Address, Order ID

FD4: Order ID → TrackingNumber

FD5: Employee ID → Contact Number, email\_ID, Fname, Lname, Job Title, Hire date, Experience

FD6: EmployeeID -> EmplyeeID

FD7: {Employee\_ID, Shift\_crew\_ID} → {Workforce\_Managed}

FD8: {Employee\_ID, Shift\_crew\_ID} → {Security\_Access\_Level}

FD8: {Employee\_ID, Shift\_crew\_ID} → {Register\_Number}

FD9: employeeID, WarrehouseID -> WarehouseID, EmployeeID

FD10: Employee\_ID --> Server\_details

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Table 17:

FD3: PaymentID → Paymentdate,Payment Method,Payment Amount,Tax,discount,EmployeeID,Payment Status

Table 18:

FD4: RequestID → RequestType, resolution\_status, reason, requestdate, OrderID, ProductID

Table 19:

FD5: RequestID, RefundID → RC\_Type

Table 20:

FD6: RequestID → Exchange\_status, method, exchange\_resolution\_date

Table 21:

FD7: ProductID → Pname, Description, Brand, Weight, Warranty, ModelNo

FD8: ProductID, SupplierID → ProductID, SupplierID

Table 22:

FD9: ProductID, StoreID → InstoreAvailability, Aisle\_Placement, Shelf\_Placement

Table 23:

FD10: ProductID → Online\_Exclusive, Product\_tags

-----------------------------------------------------------------------------------------------------------------------------

Table 24:

FD11: ProductID, Variants → ProductID, Variants

Table 25:

FD12: CategoryID → Access\_Control, C\_name, Description

Table 26:

FD13:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Table 30: FD3: StoreID --> state, city, zipcode

Table 31: FD4: SubCategory\_ID --> CategoryID, SC\_Name

Table 32: FD5: Productids, CategoryID, SubCategory\_ID --> ProductID, CategoryID, SubCategory\_ID

Table 33: FD6: Supplier ID -> S\_Name, Contact, OperatingHours, Address

Table 34: FD7: Warehouse ID -> WName, Street, City, Zipcode, State, Capacity, Contact

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

TEJASWINI

Table 35: W\_Invoice Number --> W\_Invoice Date, W\_Billing address, W\_Total Amount

Table 36:

Purchase\_ID --> Quantity

Product\_ID --> Unit\_price

Table 37:

Purchase\_ID --> W\_Order Date, W\_Order Status, W\_Ship Date, W\_Payment Method, W\_Shipping Method, W\_Shipping Addres

W\_Shipping Address, W\_Order Date --> Purchase\_ID, W\_Order Status, W\_Ship Date, W\_Payment Method, W\_Shipping Method

Table 38: W\_PaymentID --> W\_PaymentDate, Payment Amount, W\_PaymentStatus, W\_PaymentType, W\_PaymentMethod, W\_OrderStatus

Table 39: SupplierID, ProductID --> SupplierID, ProductID

Table 40: ShipmentNumber, ProductID --> ShipmentNumber, ProductID

Table 41: Refund\_ID --> Refund\_Status, Refund\_Amount, Empoyee\_ID, Refund\_Date