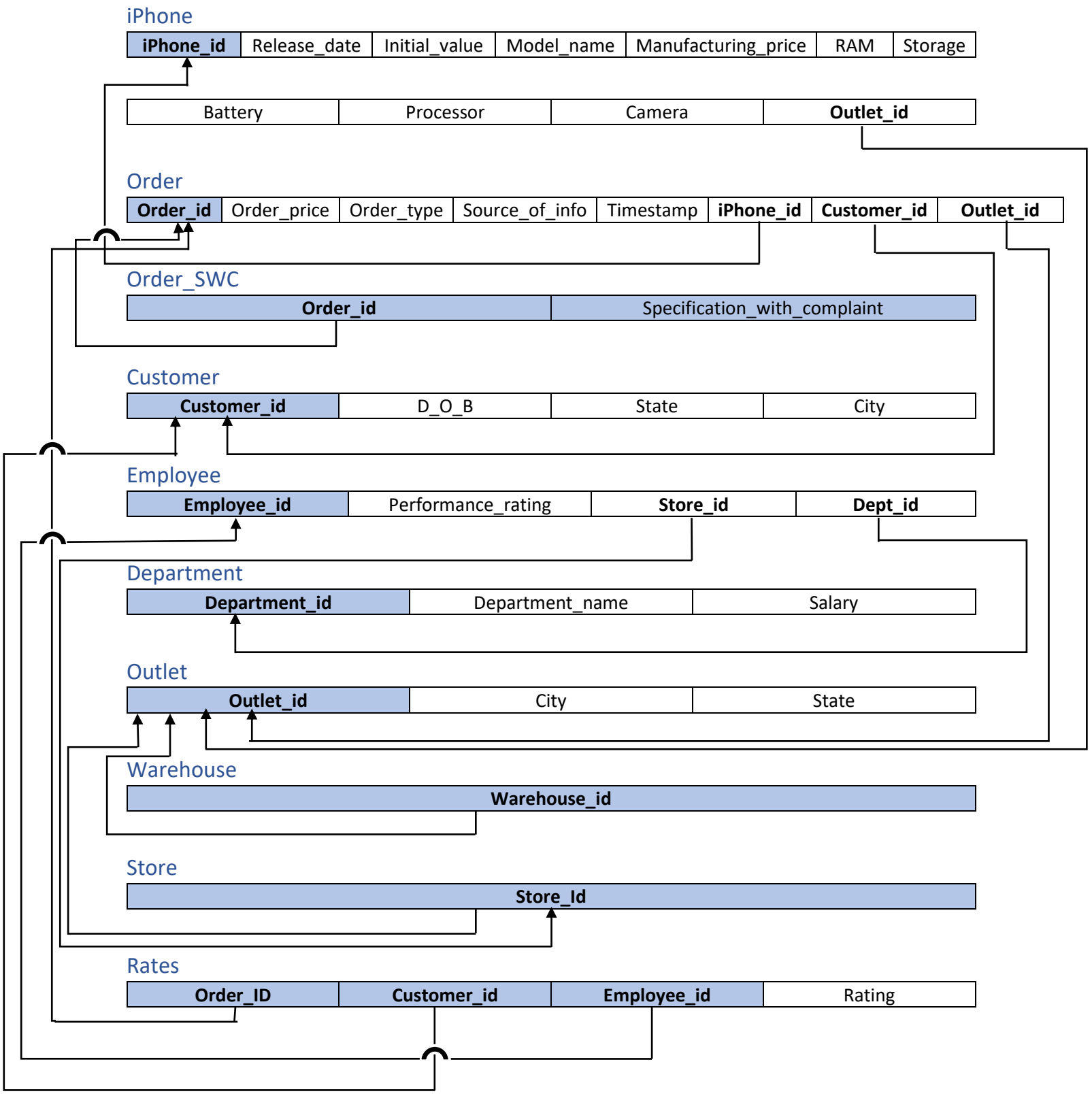
EER to relation mapping:

Conventions: *Minimal Super key or Primary Key of a relation is given in blue shade with key names highlighted. Foreign keys are only highlighted.*



List of Candidate Keys for every relation:

iPhone
{iPhone_id}

Order
{Order_id}, {Timestamp}

Order_SWC
{Order_id, Specification_with_complaint}

Customer
{Customer_id}

Employee
{Employee_id}

Department
{Department_id}, {Department_name}

Outlet
{Outlet_id}

Warehouse
{Warehouse_id}

Store
{Store_id}

Rates
{Order_id, Customer_id, Employee_id}

Functional dependencies for every relation:

iPhone

{iPhone_id} ➔ {Release_date, Initial_value, Model_name, Manufacturing_price, RAM, Storage, Battery,Processor, Camera, Outlet_id}

{Model_name} ➔ {Release_date, Battery, Processor, Camera}

{Release_date, Initial_value} ➔ {Model_name, Battery, Processor, Camera}

{Battery, Processor, Camera} ➔ {Release_date, Model_name}

{RAM, Storage, Battery, Processor, Camera} ➔ {Release_date, Initial_value, Model_name, Manufacturing_price}

Order

{Order_id} ➔ {Order_price, Order_type, Source_of_info, Timestamp, iPhone_id, Customer_id, Outlet_id}

{Timestamp} ➔ {Order_id, Order_price, Order_type, Source_of_info, iPhone_id, Customer_id, Outlet_id}

{iPhone_id} ➔ {Outlet_id}

Order_SWC

None

Customer

{Customer_id} ➔ {D_O_B, State, City}

Employee

{Employee_id} ➔ {Performance_rating, Dept_id, Store_id}

Department

{Department_id} ➔ {Department_name, Salary}

{Department_name} ➔ {Department_id, Salary}

Outlet

{Outlet_id} ➔ {City, State}

Warehouse

None

Store

None

Rates

{Order_id, Customer_id, Employee_id} ➔ {Rating}