Oasis Salon & Spa Database Project

Group 4:

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Executive Summary:

This report details the complete design and implementation of an oasis spa's total relational database system. This database includes all of the services offered at the Oasis Spa & Salon which include hair services, nail services, skin care services, massage services, as well as retail products sold in the salon. The database manages the most important aspects of the business, such as customer loyalty and points, employee schedules, service/product catalogues, booking appointments for multiple services, point of sale (POS) transactions for retail sales and payment processing in a variety of ways (e.g., split payments).

The database model is composed of nine carefully designed tables with the necessary primary keys, foreign keys, check constraints and referential integrity requirements. The major relationships in the database are established through one-to-many relationships where a customer can have many appointments/sales, an appointment can be split into multiple services (through appointment_service), thus one appointment can have multiple payments (creating partial/split payment systems), as well as a sale can consist of multiple items (through sale_item).

The sample data created for testing data relationships, as well as implementation of business rules and various real world situations such as customers with multiple loyalty levels and sales made up of multiple items, demonstrates the successful implementation of a relational database and has created a substantial amount of data. The implemented system has resolved several issues previously associated with the manual process, including accidental employee double-booking and inaccurate data, while allowing for future reporting capabilities regarding the best customers, most popular services, inventory levels, and staff performance.

All functional dependencies have also been confirmed, constraints have been enforced, and as such, the system is available for production use.

Project Overview:

We designed and built a complete relational database system for Oasis Salon & Spa to modernize and streamline its daily operations. Compared to a manual system where using paper appointment books and spreadsheets led to scheduling conflicts, lost customer history, inaccurate inventory, and difficulty tracking loyalty program participation.

The digital database supports all critical functions of a modern salon:

- Customer registration and loyalty tier tracking
- Employee management with roles and hire dates
- Full catalog of services (with duration and pricing) and retail products (with stock levels)
- Appointment scheduling with assignment to specific stylists/technicians
- Support for appointments that include multiple services
- Retail sales at the front desk (with or without a registered customer)
- Flexible payment handling including cash, card, and split payments across multiple methods
- Full audit trail of all transactions

The system ensures data integrity through proper normalization, appropriate NOT NULL constraints, meaningful CHECK constraints (e.g., prices ≥ 0, valid loyalty tiers), and foreign key relationships. Realistic test data reflects actual business patterns such as frequent customers with many appointments, high-value appointments combining multiple premium services, and retail purchases of varying sizes.

Team Contributions:

Abishek Giri - Helped with business description, part I, Final Paper and Powerpoint Presentation.

Jason Chandler - Helped with part I, ER Diagram & sentences, CREATE/INSERT statements, and Powerpoint Presentation.

Kevin Morris -

Shanoor Rahman - Helped with Updated ER Diagram/Database Design Model, CREATE/INSERT statement.

Jake Smart - Helped with Team Contract Formation, ER Diagram, Final Project Report.

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Part 1 - Business Understanding and Conceptual Design

1. Business Description:

Oasis Salon & Spa is a full-service beauty and wellness business offering hair, skin, and nail treatments along with retail product sales. The salon serves a large and growing customer base, requiring daily management of appointments, employees, services, and inventory. Currently, many of these processes are handled manually, which leads to scheduling conflicts, errors in payment tracking, and difficulties in monitoring product stock. A database is needed to centralize and automate these operations. It will ensure accurate appointment scheduling, maintain up to date customer and employee records, track sales and payments, and generate valuable reports on business performance. This system will improve efficiency, reduce errors, and support better decision-making for long term growth.

1.1 Name of business

Oasis Salon & Spa

1.2 Purpose of business

Oasis Salon & Spa provides comprehensive beauty and wellness services including haircuts, hairstyling, skincare treatments, manicures, pedicures, and massage therapy. The business exists to create a relaxing and professional environment where customers can improve their personal well-being and appearance.

1.3 Summary of business activities

The salon and spa manage daily operations through appointment bookings, walk-in services, employee scheduling, inventory control, and payment processing. Core activities include scheduling appointments, assigning employees to services, delivering beauty and wellness treatments, and handling sales of retail products such as shampoos, conditioners, and skincare items. In addition, customer loyalty programs and promotional packages are offered to encourage repeat visits.

1.4 Problems, opportunities and objectives

Problems:

Currently, many operational tasks such as appointment tracking, staff allocation, and inventory management is performed manually. This results in double-booked appointments, missed follow-ups, limited insight into customer preferences, and stock shortages.

Opportunities:

Implementing a centralized database would allow the business to automate and streamline processes. It would support efficient appointment scheduling, provide insights into sales and service trends, and enhance customer relationship management.

Objectives:

- Reduce booking conflicts and scheduling errors.
- Track customer history for targeted promotions and loyalty programs.
- Monitor inventory in real time and prevent product shortages.
- Generate reports on revenue, service demand, and employee performance.

1.5 Business Case

A database system is essential to improve efficiency, accuracy, and decision making at Oasis Salon & Spa. The system will eliminate manual inefficiencies by automating core operations such as booking, payment tracking, and inventory control. By storing detailed customer and employee information, the database will enable data-driven insights that improve customer satisfaction, optimize staff utilization, and increase profitability. This system ensures smooth operations and supports the business's long-term growth.

1.6 Information and Data Requirement

Data requirement

- Customers: personal details, loyalty tier, and contact information
- Employees: names, roles, hire dates, and availability
- Services: categories, duration, and pricing
- Appointments: customer, employee, services booked, date/time, and status
- Payments: amount, method, and date/time

• Products: SKU, unit price, and stock quantities

• Sales: customer purchases, totals, and tax amounts

Information Requirement

• Daily and weekly appointment schedules by employee

• Customer visit history and most frequent clients

• Revenue and sales performance reports

• Service popularity trends and peak business hours

• Low-stock alerts for retail products

1.7 List of Entities

• CUSTOMER (CustomerID, FirstName, LastName, Email, Phone, LoyaltyTier)

• EMPLOYEE (EmployeeID, FirstName, LastName, Email, Phone, Role, HireDate)

• SERVICE (ServiceID, Name, Category, Duration, Price)

• APPOINTMENT (ApptID, CustomerID, EmployeeID, StartTime, Status, Notes)

• APPT_SERVICE (ApptID, ServiceID, LinePrice)

• PAYMENT (PaymentID, ApptID, Amount, Method, PaidAt)

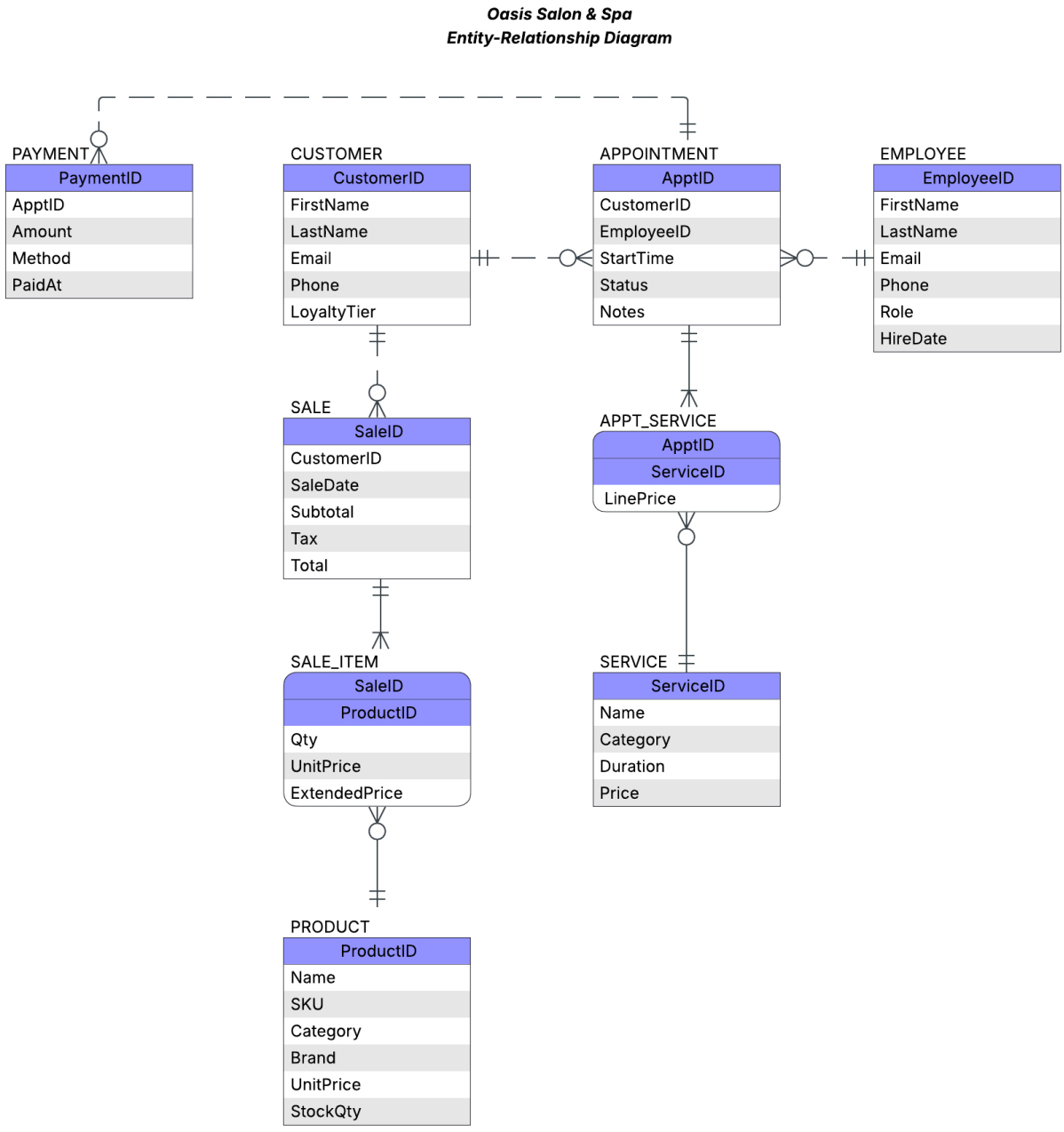
• PRODUCT (ProductID, Name, SKU, Category, Brand, UnitPrice, StockQty)

• SALE (SaleID, CustomerID, SaleDate, Subtotal, Tax, Total)

• SALE_ITEM (SaleID, ProductID, Qty, UnitPrice, ExtendedPrice)

Part 2 - Conceptual Data Model

2.1 Entity Relationship Diagram



2.2 Relationship Sentences and Explanations

- Entities: CUSTOMER and APPOINTMENT

  CUSTOMERs book APPOINTMENTs at the salon.

  - Maximum Cardinality: One-to-many (1: N)

    A CUSTOMER can make multiple APPOINTMENTs, but an APPOINTMENT can only be made by one customer.

  - Minimum Cardinality: Mandatory-to-optional

    All APPOINTMENTs must have been booked by a CUSTOMER (mandatory), but CUSTOMERs may not make any APPOINTMENTs (optional).

- Entities: EMPLOYEE and APPOINTMENT

  EMPLOYEEs perform APPOINTMENTs at the salon.

  - Maximum Cardinality: One-to-many (1: N)

    An EMPLOYEE can perform many APPOINTMENTs.

  - Minimum Cardinality: Mandatory-to-optional

    APPOINTMENTs must have an associated EMPLOYEE (mandatory), but an EMPLOYEE may not perform an APPOINTMENT (optional).

• Entities: APPOINTMENT and PAYMENT

PAYMENTs tracks how APPOINTMENTS were paid.

o Maximum Cardinality: One-to-many (1: N)

APPOINTMENTs can have many PAYMENTs; each PAYMENT is for one APPOINTMENT.

o Minimum Cardinality: Mandatory-to-optional

Every PAYMENT must reference APPOINTMENT (mandatory); an APPOINTMENT may not have a PAYMENT (optional).

• Entities: APPOINTMENT and APPT_SERVICE

APPT_SERVICEs tracks service information for APPOINTMENTs.

o Maximum Cardinality: One-to-many (1: N)

An APPOINTMENT may have one or more APPT_SERVICEs.

o Minimum Cardinality: Mandatory-to-mandatory

An APPOINTMENT must have at least one APPT_SERVICE (mandatory), and an APPT_SERVICE will always APPOINTMENT (mandatory).

• Entities: SERVICE and APPT_SERVICE

APPT_SERVICEs identifies services for each APPOINTMENT.

o Maximum Cardinality: One-to-many (1: N)

An APPT_SERVICE represents one SERVICE; a SERVICE may be performed in multiple appointments.

o Minimum Cardinality: Mandatory-to-optional

An APPT_SERVICE will always reference a SERVICE (mandatory), but a service may not have been performed (optional).

• Entities: CUSTOMER and SALE

CUSTOMERs make SALEs at the salon.

o Maximum Cardinality: One-to-many (1: N)

A CUSTOMER may make multiple SALEs; each SALE is made by one CUSTOMER.

o Minimum Cardinality: Mandatory-to-optional

A SALE must have been made by a CUSTOMER (mandatory), but a CUSTOMER may not make any SALEs (optional).

• Entities: SALE and SALE_ITEM

SALE_ITEM tracks products purchased and their price information for SALEs.

o Maximum Cardinality: One-to-many (1: N)

A SALE can have multiple SALE_ITEMs.

o Minimum Cardinality: mandatory-to-mandatory

A SALE must have at least one SALE_ITEM (mandatory), and a SALE_ITEM must have an associated SALE (mandatory).

• Entities: PRODUCT and SALE_ITEM

PRODUCTS holds additional information on SALE_ITEMs.

o Maximum Cardinality: One-to-many (1: N)

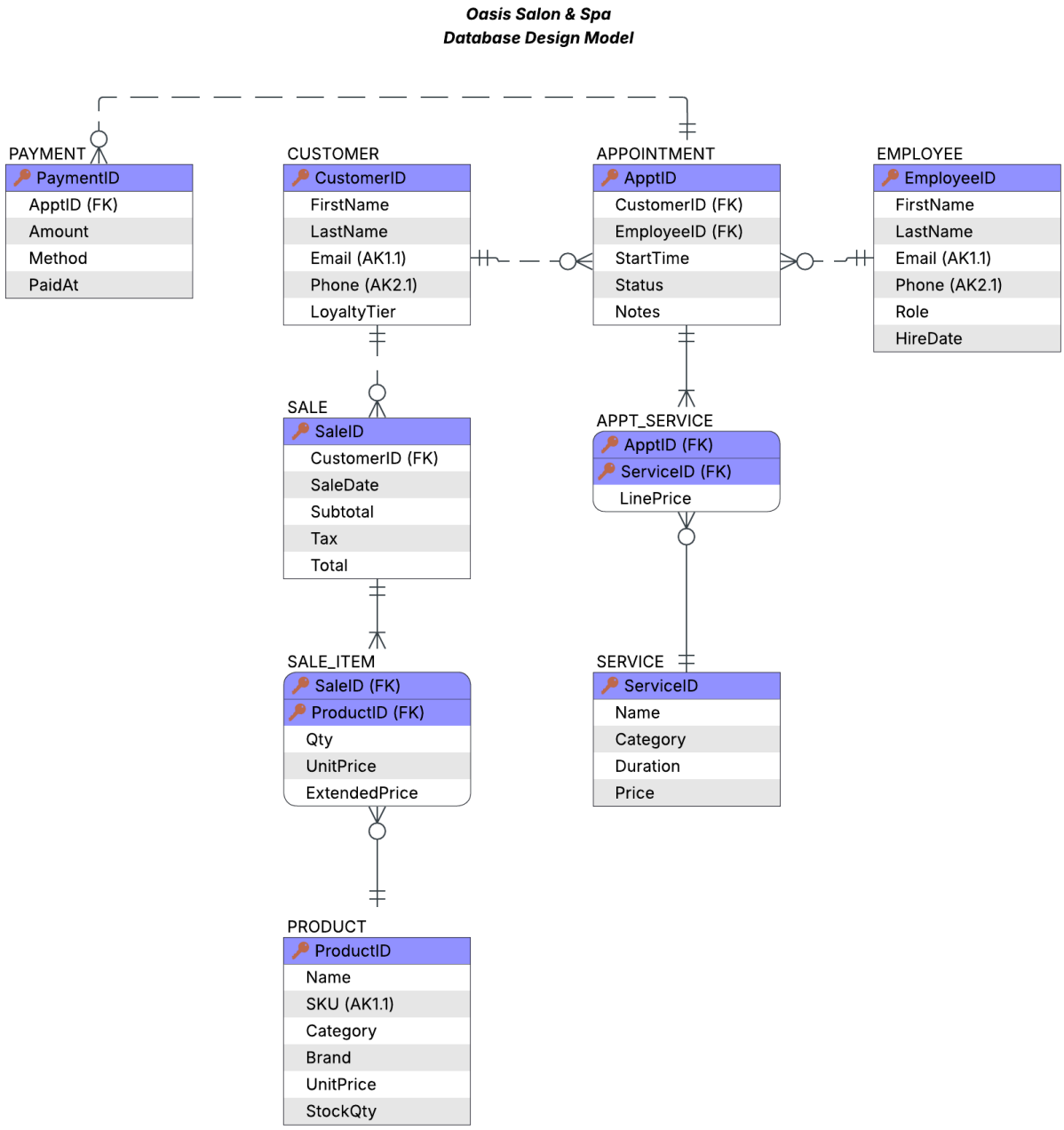
Each SALE_ITEM refers to one PRODUCT; a PRODUCT may appear in many SALEs.

o Minimum Cardinality: Mandatory-to-optional

A SALE_ITEM must reference a PRODUCT (mandatory), but a PRODUCT may not have been purchased (optional).

Part 3 - Database Design

3.1 E-R Model into Relationship Model



3.2 List of Functional Dependencies.

Functional Dependency of EMPLOYEE Table:

EmployeeID → (FirstName, LastName, Email, Phone, Role, HireDate)

Email → (EmployeeID, FirstName, LastName, Phone, Role, HireDate)

Phone → (EmployeeID, FirstName, LastName, Email, Role, HireDate)

Functional Dependency of CUSTOMER Table:

CustomerID → (FirstName, LastName, Email, Phone, LoyaltyTier)

Email → (CustomerID, FirstName, LastName, Phone, Role)

Phone → (CustomerID, FirstName, LastName, Email, Role)

Functional Dependency of SERVICE Table:

ServiceID → (Name, Category, Duration, Price)

Functional Dependency of PRODUCT Table:

ProductID → (Name, SKU, Category, Brand, UnitPrice, StockQty)

SKU → (ProductID, Name, Category, Brand, UnitPrice, StockQty)

Functional Dependency of PAYMENT Table:

PaymentID → (ApptID, Amount, Method, PaidAt)

Functional Dependency of SALE Table:

SaleID → (CustomerID, SaleDate, Subtotal, Tax, Total)

(Subtotal, Tax) → Total

Functional Dependency of APPOINTMENT Table:

AppointmentID → (CustomerID, EmployeeID, StartTime, Status, Notes)

Functional Dependency of SALE_ITEM Table:

(SaleID, ProductID) → (Qty, UnitPrice, ExtendedPrice)

(Qty, UnitPrice) → ExtendedPrice

Functional Dependency of APPT_SERVICE Table:

(ApptID, ServiceID) → LinePrice

Part 4 - Database Implementation

4.1 SQL CREATE code

```
CREATE  TABLE  EMPLOYEE (
        EmployeeID    INT     NOT NULL,
        FirstName     VARCHAR(100)      NOT NULL,
        LastName      VARCHAR(100)      NOT NULL,
        Email         VARCHAR(150)      NULL,
        Phone         VARCHAR(12)       NULL,
        Role          VARCHAR(255)      NOT NULL,
        HireDate      DATE  NOT NULL,
        CONSTRAINTS       EmpID_PK    PRIMARY KEY(EmployeeID),
        CONSTRAINT EmpEmailAK     UNIQUE(Email),
        CONSTRAINT EmpPhoneAK     UNIQUE(Phone),
        CONSTRAINTS       CK_Em_Date CHECK        (HireDate       BETWEEN
        '01-JAN-2021' AND '31-DEC-2025'),
        CONSTRAINT EmpValidCommunication CHECK (Email IS NOT NULL OR Phone IS
        NOT NULL)
        );


CREATE  TABLE  CUSTOMER (
        CustomerID    INT     NOT NULL,
        FirstName     VARCHAR(100)      NOT NULL,
        LastName      VARCHAR(100)      NOT NULL,
```

```
    Email           VARCHAR(150)      NULL,
    Phone           VARCHAR(12)       NULL,
    LoyaltyTier     VARCHAR(15)       NULL,
    CONSTRAINTS     CustID_PK   PRIMARY KEY(CustomerID),
    CONSTRAINT CustEmailAK  UNIQUE(Email),
    CONSTRAINT CustPhoneAK  UNIQUE(Phone),
    CONSTRAINT CK_InLT CHECK (LoyaltyTier is NULL
        OR UPPER(LoyaltyTier) IN ('BRONZE', 'SILVER', 'GOLD', 'PLATINUM')),
    CONSTRAINT CustValidCommunication CHECK (Email IS NOT NULL OR Phone IS
    NOT NULL)
    );

CREATE  TABLE  SERVICE (
    ServiceID       INT     NOT NULL,
    Name            VARCHAR(150)      NOT NULL,
    Category        VARCHAR(100)      NOT NULL,
    Duration        INT     NOT NULL,
    Price           DECIMAL(10,2)     NOT NULL,
    CONSTRAINTS     ServID_PK   PRIMARY KEY(ServiceID),
    CONSTRAINTS     CK_Se_PosP  CHECK       (Price>=0 AND Duration>=0)
    );

CREATE  TABLE  PRODUCT (
```

```
    ProductID       INT     NOT NULL,
    Name            VARCHAR(150)        NOT NULL,
    SKU             VARCHAR(7)          NOT NULL,
    Category        VARCHAR(150)        NOT NULL,
    Brand           VARCHAR(150)        NULL,
    UnitPrice       DECIMAL(10,2)       NOT NULL,
    StockQty        INT     NOT NULL,
    CONSTRAINTS     ProdID_PK     PRIMARY KEY(ProductID),
    CONSTRAINTS     CK_Prod_PosUP       CHECK       (UnitPrice>=0),
    CONSTRAINTS     CK_Prod_SQty        CHECK       (StockQty>=0)
    );


CREATE  TABLE  SALE (
    SaleID          INT     NOT NULL,
    CustomerID      INT     NOT NULL,
    SaleDate        DATE  NOT NULL,
    Subtotal        DECIMAL(10,2)       NOT NULL,
    Tax     DECIMAL(5,4)        NOT NULL,
    Total   DECIMAL(10,2)       NOT NULL,
    CONSTRAINTS     SaleID_PK     PRIMARY KEY(SaleID),
    CONSTRAINTS     SA_CustID_FK        FOREIGN KEY(CustomerID)
        REFERENCES      CUSTOMER(CustomerID),
```

```
        CONSTRAINTS CK_Sa_Positive CHECK (Subtotal>=0 AND Tax>=0
AND Total>=0),
        CONSTRAINT ValidTotal CHECK (ROUND(Subtotal + Subtotal * Tax, 2) = Total),
        CONSTRAINTS CK_Sa_Date CHECK (SaleDate BETWEEN
'01-JAN-2021' AND '31-DEC-2025')
        );

CREATE TABLE APPOINTMENT (
        ApptID INT NOT NULL,
        CustomerID INT NOT NULL,
        EmployeeID INT NOT NULL,
        StartTime TIMESTAMP NOT NULL,
        Status VARCHAR(50) NOT NULL,
        Notes VARCHAR(255) NULL,
        CONSTRAINT ApptID_PK PRIMARY KEY(ApptID),
        CONSTRAINT APPT_CustID_FK FOREIGN KEY(CustomerID)
                REFERENCES CUSTOMER(CustomerID),
        CONSTRAINT APPT_EmpID_FK FOREIGN KEY(EmployeeID)
                REFERENCES EMPLOYEE(EmployeeID)
        );


CREATE TABLE PAYMENT (
```

```
    PaymentID     INT     NOT NULL,
    ApptID        INT     NOT NULL,
    Amount        DECIMAL(10,2)       NOT NULL,
    Method        VARCHAR(10)         NOT NULL,
    PaidAt        DATE                NOT NULL,
    CONSTRAINT        PayID_PK      PRIMARY KEY(PaymentID),
    CONSTRAINT        PAY_ApptID_FK       FOREIGN KEY(ApptID)
        REFERENCES        APPOINTMENT(ApptID),
    CONSTRAINT        ValidMethods  CHECK (Method IN ('Cash', 'Credit', 'Debit'))
    );

CREATE  TABLE  APPT_SERVICE (
    ApptID        INT     NOT NULL,
    ServiceID     INT     NOT NULL,
    LinePrice     DECIMAL(10,2)       NOT NULL,
    CONSTRAINT        AS_PK         PRIMARY KEY(ApptID, ServiceID),
    CONSTRAINT        AS_ApptID_FK        FOREIGN KEY(ApptID)
        REFERENCES        APPOINTMENT(ApptID),
    CONSTRAINT        AS_ServID_FK        FOREIGN KEY(ServiceID)
        REFERENCES        SERVICE(ServiceID),
    CONSTRAINT        CK_PositiveLP       CHECK       (LinePrice >= 0)
    );
```

```
CREATE  TABLE  SALE_ITEM (
        SaleID              INT     NOT NULL,
        ProductID           INT     NOT NULL,
        Qty                 INT     NOT NULL,
        UnitPrice           DECIMAL(10,2)       NOT NULL,
        ExtendedPrice       DECIMAL(10,2)       NOT NULL,
        CONSTRAINTS     SI_Comp_PK          PRIMARY KEY(SaleID, ProductID),
        CONSTRAINTS     SI_SaleID_FK        FOREIGN KEY(SaleID)
                REFERENCES      SALE(SaleID),
        CONSTRAINTS     SI_ProdID_FK        FOREIGN KEY(ProductID)
                REFERENCES      PRODUCT(ProductID),
        CONSTRAINTS     CK_SI_Positive      CHECK       (Qty>=0 AND UnitPrice>=0
        AND ExtendedPrice>=0),
        CONSTRAINT ValidExtended CHECK (ROUND(QTY * UnitPrice, 2) =
        ExtendedPrice)
        );
```

4.2 SQL INSERT code

EMPLOYEE table:

```
INSERT  INTO  EMPLOYEE (EmployeeID, FirstName, LastName, Email, Phone, Role,
HireDate)
VALUES (
1, 'Chuuya', 'Nakahara', 'ChuuyaN123@outlook.com', '', 'Stylist', '06-JUN-2022');
INSERT  INTO  EMPLOYEE (EmployeeID, FirstName, LastName, Email, Phone, Role,
HireDate)
VALUES (
2, 'Cindy', 'Johnson', 'Cin.dy121@gmail.com', '224-314-1234', 'Nail Technician',
'29-DEC-2021');
INSERT  INTO  EMPLOYEE (EmployeeID, FirstName, LastName, Email, Phone, Role,
HireDate)
VALUES (
3, 'Cynthia', 'Gomez', '', '204-541-1234', 'Receptionist', '22-JAN-2021');
INSERT  INTO  EMPLOYEE (EmployeeID, FirstName, LastName, Email, Phone, Role,
HireDate)
VALUES (
4, 'Jamie', 'Myers', 'JMyers912@gmail.com', '204-670-3232', 'Nail Technician', '28-FEB-2023');
INSERT  INTO  EMPLOYEE (EmployeeID, FirstName, LastName, Email, Phone, Role,
HireDate)
VALUES (
5, 'Utahime', 'Iori', 'Utahime.Iori141@gmail.com', '451-213-2131', 'Colourist', '11-JUL-2021');
```

```
INSERT  INTO  EMPLOYEE (EmployeeID, FirstName, LastName, Email, Phone, Role,
HireDate)
VALUES (
6, 'Jamie', 'Lee', 'J.Lee19931@outlook.com', '451-213-2132', 'Barber', '22-JAN-2024');
INSERT  INTO  EMPLOYEE (EmployeeID, FirstName, LastName, Email, Phone, Role,
HireDate)
VALUES (
7, 'Kelly', 'Jameson', ', '609-411-1239', 'Massage Therapist', '16-MAY-2022');
INSERT  INTO  EMPLOYEE (EmployeeID, FirstName, LastName, Email, Phone, Role,
HireDate)
VALUES (
8, 'Matthew', 'Heafy', 'Matty.H1299@gmail.com', '', 'Massage Therapist', '22-APR-2022');
INSERT  INTO  EMPLOYEE (EmployeeID, FirstName, LastName, Email, Phone, Role,
HireDate)
VALUES (
9, 'Matthew', 'Healy', 'Matthew.Healy1299@gmail.com', '', 'Esthetician', '02-OCT-2023');
```

CUSTOMER Table:

```
INSERT  INTO  CUSTOMER  VALUES (
1, 'Darius', 'Tehrani', '', '224-987-2311', 'Platinum');
INSERT  INTO  CUSTOMER  VALUES (
2, 'Osamu', 'Dazai', 'NoLongerHuman1211@gmail.com', '204-117-2311', 'Gold');
INSERT  INTO  CUSTOMER  VALUES (
```

3, 'Yeji', 'Hwang', 'Y.Hwang103@outlook.com', '609-199-1234', 'Platinum');

INSERT INTO CUSTOMER VALUES (

4, 'Courtney', 'LaPlante', 'Courtney.LP3910@gmail.com', '', 'Silver');

INSERT INTO CUSTOMER VALUES (

5, 'Michelle', 'Joy', 'Michelle.J124@gmail.com', '224-901-6322', 'Platinum');

INSERT INTO CUSTOMER VALUES (

6, 'Yu', 'Jimin', '', '451-731-6611', 'Bronze');

INSERT INTO CUSTOMER VALUES (

7, 'Akiko', 'Yosano', '', '501-441-7291', '');

INSERT INTO CUSTOMER VALUES (

8, 'Kara', 'Danvers', '', '123-415-8191', 'Bronze');

INSERT INTO CUSTOMER VALUES (

9, 'Will', 'Ramos', 'Will.Ramos12310@outlook.com', '451-115-8891', 'Platinum');

INSERT INTO CUSTOMER VALUES (

10, 'Celica', 'Arfonia', '', '224-915-0091', 'Silver');

SERVICE Table:

INSERT INTO SERVICE (ServiceID, Name, Category, Duration, Price)

VALUES (

1, 'Men''s Cuts', 'Hair Cut', 35, 30.00);

INSERT INTO SERVICE (ServiceID, Name, Category, Duration, Price)

VALUES (

2, 'Women''s Cuts', 'Hair Cut', 45, 40.00);

```
INSERT  INTO  SERVICE (ServiceID, Name, Category, Duration, Price)
VALUES (
3, 'All-Over Color', 'Hair Color', 75, 95.00);
INSERT  INTO  SERVICE (ServiceID, Name, Category, Duration, Price)
VALUES (
4, 'Beard Trim', 'Men"s Grooming', 25, 15.00);
INSERT  INTO  SERVICE (ServiceID, Name, Category, Duration, Price)
VALUES (
5, 'Spa Manicure', 'Nail Services', 25, 40.00);
INSERT  INTO  SERVICE (ServiceID, Name, Category, Duration, Price)
VALUES (
6, 'Blow Out', 'Hair Styling', 45, 30.00);
INSERT  INTO  SERVICE (ServiceID, Name, Category, Duration, Price)
VALUES (
7, 'Deep Tissue Massage', 'Massage Therapy', 75, 115.00);
INSERT  INTO  SERVICE (ServiceID, Name, Category, Duration, Price)
VALUES (
8, 'Swedish Massage', 'Massage Therapy', 75, 115.00);
INSERT  INTO  SERVICE (ServiceID, Name, Category, Duration, Price)
VALUES (
9, 'Chemical Peel', 'Skin Care', 40, 55.00);
INSERT  INTO  SERVICE (ServiceID, Name, Category, Duration, Price)
VALUES (
```

10, 'Microdermabrasion', 'Skin Care', 45, 65.00);

INSERT INTO SERVICE (ServiceID, Name, Category, Duration, Price)

VALUES (

11, 'Full Highlights', 'Hair Color', 75, 90.00);

INSERT INTO SERVICE (ServiceID, Name, Category, Duration, Price)

VALUES (

12, 'Spa Pedicure', 'Nail Services', 50, 70.00);

INSERT INTO SERVICE (ServiceID, Name, Category, Duration, Price)

VALUES (

13, 'Deluxe Pedicure', 'Nail Services', 80, 110.00);

INSERT INTO SERVICE (ServiceID, Name, Category, Duration, Price)

VALUES (

14, 'Gel Pedicure', 'Nail Services', 45, 60.00);

PRODUCT Table:

INSERT INTO PRODUCT VALUES (

1, 'Colortrak Flexi Brushes - 4 pk', 'CHC1099', 'Hair Coloring Tools', 'Colortrak', 8.99, 250);

INSERT INTO PRODUCT VALUES (

2, 'Combinal Cream Hair Dye Black No. 1', 'CHC2001', 'Hair Coloring', 'Combinal', 13.99, 150);

INSERT INTO PRODUCT VALUES (

3, 'Blowout Defense Spray', 'THC3211', 'Hair Care', 'Tricoci', 31.00, 125);

INSERT INTO PRODUCT VALUES (

4, 'OPI Nail Lacquer - I Micha Be Dreaming - 0.5 fl oz', 'ONP1101', 'Nail Polish/Lacquer', 'OPI', 6.00, 150);

INSERT INTO PRODUCT VALUES (

5, 'CHI Pro Dryer', 'CHD3120', 'Hair Dryer', 'CHI', 130.99, 65);

INSERT INTO PRODUCT VALUES (

6, 'Combinal Cream Hair Dye Light Brown No. 6', 'CHC2006', 'Hair Coloring', 'Combinal', 13.99, 150);

INSERT INTO PRODUCT VALUES (

7, 'Olivia Garden Super HP Hair Dryer - Silver Blue', 'OHD2112', 'Hair Dryer', 'Olivia Garden', 299.95, 65);

INSERT INTO PRODUCT VALUES (

8, 'Stainless Steel Toe Nail Clipper', 'SNC4220', 'Nail Care Tools', 'Seki Edge', 23.00, 350);

INSERT INTO PRODUCT VALUES (

9, 'Cordless Barber Combo', 'WHC3012', 'Hair Clipper/Trimmer', 'Wahl', 267.35, 80);

INSERT INTO PRODUCT VALUES (

10, 'Refine Exfoliator Tricoci Skincare', 'TSC1009', 'Skincare', 'Tricoci', 37, 115);

INSERT INTO PRODUCT VALUES (

11, 'Cricket Beauty Hardware Pro Point Slant Tweezer', 'CHT2190', 'Hair Tweezers', 'Cricket', 18.99, 250);

INSERT INTO PRODUCT VALUES (

12, 'Deep Collagen Power Boosting Overnight Sheet Mask', 'SFM1155', 'Masks', 'Sungboon Editor', 29.00, 200);

INSERT INTO PRODUCT VALUES (

13, 'Hydro Boost Hydrating 100% Hydrogel Mask', 'NFM2165', 'Masks', 'Neutrogena', 5.49, 350);

INSERT INTO PRODUCT VALUES (

14, 'Gelish Gel Polish - Can"t Burst My Bubble - 0.5 fl oz', 'GNP8150', 'Nail Polish/Lacquer', 'Gelish', 15.95, 145);

INSERT INTO PRODUCT VALUES (

15, 'Pharmagel Eye Firme Firming Eye Gel - 1 fl oz.', 'PEC5515', 'Eyecare', 'Pharmagel', 25.60, 140);

SALE table:

INSERT INTO SALE (SaleID, CustomerID, SaleDate, Subtotal, Tax, Total)

VALUES (

1, 3, '12-DEC-2021', 98.98, 0.0625, 105.17);

INSERT INTO SALE VALUES (

2, 1, '11-JUN-2021', 351.33, 0.0625, 373.29);

INSERT INTO SALE VALUES (

3, 2, '01-JAN-2022', 79.97, 0.0575, 84.57);

INSERT INTO SALE VALUES (

4, 3, '11-JUL-2021', 462.03, 0.0625, 490.91);

INSERT INTO SALE VALUES (

5, 6, '25-AUG-2024', 258.44, 0.0255, 265.03);

```
INSERT  INTO  SALE  VALUES (
6, 10, '04-FEB-2022', 299.95, 0.0575, 317.20);
INSERT  INTO  SALE  VALUES (
7, 9, '29-OCT-2023', 432.32, 0.0400, 449.61);
INSERT  INTO  SALE  VALUES (
8, 7, '14-MAR-2023', 34.47, 0.0625, 36.62);
INSERT  INTO  SALE  VALUES (
9, 6, '27-APR-2022', 43.00, 0.0255, 44.10);
INSERT  INTO  SALE  VALUES (
10, 1, '14-NOV-2025', 267.35, 0.0625, 284.06);
INSERT  INTO  SALE  VALUES (
11, 4, '11-JUN-2021', 130.02, 0.0575, 137.50);
INSERT  INTO  SALE  VALUES (
12, 3, '21-SEP-2024', 248.89, 0.0625, 264.45);
```

SALE_ITEM Table:

```
INSERT  INTO  SALE_ITEM  (SaleID, ProductID, Qty, UnitPrice, ExtendedPrice)
VALUES (
1, 1, 1, 8.99, 8.99);
INSERT  INTO  SALE_ITEM  VALUES (
1, 2, 1, 13.99, 13.99);
INSERT  INTO  SALE_ITEM  VALUES (
1, 4, 3, 6, 18);
```

```
INSERT INTO SALE_ITEM VALUES (
1, 12, 2, 29.00, 58.00);
INSERT INTO SALE_ITEM VALUES (
2, 8, 2, 23.00, 46.00);
INSERT INTO SALE_ITEM VALUES (
2, 9, 1, 267.35, 267.35);
INSERT INTO SALE_ITEM VALUES (
2, 11, 2, 18.99, 37.98);
INSERT INTO SALE_ITEM VALUES (
3, 8, 1, 23.00, 23.00);
INSERT INTO SALE_ITEM VALUES (
3, 11, 3, 18.99, 56.97);
INSERT INTO SALE_ITEM VALUES (
4, 3, 1, 31.00, 31.00);
INSERT INTO SALE_ITEM VALUES (
4, 7, 1, 299.95, 299.95);
INSERT INTO SALE_ITEM VALUES (
4, 10, 1, 37.00, 37.00);
INSERT INTO SALE_ITEM VALUES (
4, 13, 2, 5.49, 10.98);
INSERT INTO SALE_ITEM VALUES (
4, 14, 2, 15.95, 31.90);
INSERT INTO SALE_ITEM VALUES (
```

```
4, 15, 2, 25.60, 51.20);
INSERT INTO SALE_ITEM VALUES (
5, 2, 2, 13.99, 27.98);
INSERT INTO SALE_ITEM VALUES (
5, 5, 1, 130.99, 130.99);
INSERT INTO SALE_ITEM VALUES (
5, 6, 3, 13.99, 41.97);
INSERT INTO SALE_ITEM VALUES (
5, 14, 2, 15.95, 31.90);
INSERT INTO SALE_ITEM VALUES (
5, 15, 1, 25.60, 25.60);
INSERT INTO SALE_ITEM VALUES (
6, 7, 1, 299.95, 299.95);
INSERT INTO SALE_ITEM VALUES (
7, 5, 1, 130.99, 130.99);
INSERT INTO SALE_ITEM VALUES (
7, 8, 1, 23.00, 23.00);
INSERT INTO SALE_ITEM VALUES (
7, 9, 1, 267.35, 267.35);
INSERT INTO SALE_ITEM VALUES (
7, 13, 2, 5.49, 10.98);
INSERT INTO SALE_ITEM VALUES (
8, 1, 1, 8.99, 8.99);
```

```
INSERT INTO SALE_ITEM VALUES (
8, 4, 1, 6.00, 6.00);
INSERT INTO SALE_ITEM VALUES (
8, 6, 1, 13.99, 13.99);
INSERT INTO SALE_ITEM VALUES (
8, 13, 1, 5.49, 5.49);
INSERT INTO SALE_ITEM VALUES (
9, 4, 1, 6.00, 6.00);
INSERT INTO SALE_ITEM VALUES (
9, 10, 1, 37.00, 37.00);
INSERT INTO SALE_ITEM VALUES (
10, 9, 1, 267.35, 267.35);
INSERT INTO SALE_ITEM VALUES (
11, 1, 1, 8.99, 8.99);
INSERT INTO SALE_ITEM VALUES (
11, 2, 1, 13.99, 13.99);
INSERT INTO SALE_ITEM VALUES (
11, 3, 1, 31.00, 31.00);
INSERT INTO SALE_ITEM VALUES (
11, 4, 1, 6.00, 6.00);
INSERT INTO SALE_ITEM VALUES (
11, 8, 1, 23.00, 23.00);
INSERT INTO SALE_ITEM VALUES (
```

```
11, 13, 1, 5.49, 5.49);
INSERT INTO SALE_ITEM VALUES (
11, 14, 1, 15.95, 15.95);
INSERT INTO SALE_ITEM VALUES (
11, 15, 1, 25.60, 25.60);
INSERT INTO SALE_ITEM VALUES (
12, 1, 1, 8.99, 8.99);
INSERT INTO SALE_ITEM VALUES (
12, 2, 1, 13.99, 13.99);
INSERT INTO SALE_ITEM VALUES (
12, 4, 2, 6.00, 12.00);
INSERT INTO SALE_ITEM VALUES (
12, 5, 1, 130.99, 130.99);
INSERT INTO SALE_ITEM VALUES (
12, 10, 1, 37.00, 37.00);
INSERT INTO SALE_ITEM VALUES (
12, 11, 1, 18.99, 18.99);
INSERT INTO SALE_ITEM VALUES (
12, 13, 2, 5.49, 10.98);
INSERT INTO SALE_ITEM VALUES (
12, 14, 1, 15.95, 15.95);
```

APPOINTMENT Table:

```
CREATE SEQUENCE apptSeq INCREMENT BY 1 START WITH 1;
INSERT INTO APPOINTMENT (ApptID, CustomerID, EmployeeID, StartTime, Status, Notes)
        VALUES (apptSeq.NEXTVAL, 1, 5, TO_DATE('12/01/2025 09:00:00', 'MM/DD/YYYY
HH24:MI:SS'), 'Paid', 'Customer requested privacy');
INSERT INTO APPOINTMENT
        VALUES (apptSeq.NEXTVAL, 2, 1, TO_DATE('12/01/2025 09:00:00', 'MM/DD/YYYY
HH24:MI:SS'), 'Paid', NULL);
INSERT INTO APPOINTMENT
        VALUES (apptSeq.NEXTVAL, 3, 8, TO_DATE('12/01/2025 10:00:00', 'MM/DD/YYYY
HH24:MI:SS'), 'Paid', NULL);
INSERT INTO APPOINTMENT
        VALUES (apptSeq.NEXTVAL, 3, 5, TO_DATE('12/01/2025 12:00:00', 'MM/DD/YYYY
HH24:MI:SS'), 'Paid', 'Blue dye job');
INSERT INTO APPOINTMENT
        VALUES (apptSeq.NEXTVAL, 5, 8, TO_DATE('12/01/2025 12:00:00', 'MM/DD/YYYY
HH24:MI:SS'), 'Paid', NULL);
INSERT INTO APPOINTMENT
        VALUES (apptSeq.NEXTVAL, 6, 2, TO_DATE('12/02/2025 9:00:00', 'MM/DD/YYYY
HH24:MI:SS'), 'Paid', NULL);
INSERT INTO APPOINTMENT
        VALUES (apptSeq.NEXTVAL, 1, 8, TO_DATE('12/02/2025 11:00:00', 'MM/DD/YYYY
HH24:MI:SS'), 'Paid', 'Customer allergic to latex');
INSERT INTO APPOINTMENT
```

```
        VALUES (apptSeq.NEXTVAL, 5, 1, TO_DATE('12/02/2025 11:00:00', 'MM/DD/YYYY
HH24:MI:SS'), 'Paid', NULL);
INSERT INTO APPOINTMENT
        VALUES (apptSeq.NEXTVAL, 5, 9, TO_DATE('12/02/2025 14:00:00', 'MM/DD/YYYY
HH24:MI:SS'), 'Paid', NULL);
INSERT INTO APPOINTMENT
        VALUES (apptSeq.NEXTVAL, 5, 9, TO_DATE('01/02/2026 14:00:00', 'MM/DD/YYYY
HH24:MI:SS'), 'Scheduled', 'Session 2');
INSERT INTO APPOINTMENT
        VALUES (apptSeq.NEXTVAL, 2, 2, TO_DATE('12/03/2025 9:00:00', 'MM/DD/YYYY
HH24:MI:SS'), 'Paid', 'Double booking');
INSERT INTO APPOINTMENT
        VALUES (apptSeq.NEXTVAL, 2, 4, TO_DATE('12/03/2025 9:00:00', 'MM/DD/YYYY
HH24:MI:SS'), 'Paid', 'Double booking');
INSERT INTO APPOINTMENT
        VALUES (apptSeq.NEXTVAL, 4, 4, TO_DATE('12/03/2025 11:00:00', 'MM/DD/YYYY
HH24:MI:SS'), 'Paid', NULL);
INSERT INTO APPOINTMENT
        VALUES (apptSeq.NEXTVAL, 4, 9, TO_DATE('12/03/2025 12:00:00', 'MM/DD/YYYY
HH24:MI:SS'), 'Paid', NULL);
-- An active day
INSERT INTO APPOINTMENT
```

```
        VALUES (apptSeq.NEXTVAL, 9, 6, TO_DATE('12/04/2025 9:00:00', 'MM/DD/YYYY
HH24:MI:SS'), 'In Progress', NULL);
INSERT INTO APPOINTMENT
        VALUES (apptSeq.NEXTVAL, 10, 1, TO_DATE('12/04/2025 9:00:00', 'MM/DD/YYYY
HH24:MI:SS'), 'In Progress', NULL);
INSERT INTO APPOINTMENT
        VALUES (apptSeq.NEXTVAL, 1, 2, TO_DATE('12/04/2025 9:00:00', 'MM/DD/YYYY
HH24:MI:SS'), 'Completed', NULL);
```

APPT_SERVICE Table:

```
INSERT INTO APPT_SERVICE (ApptID, ServiceID, LinePrice)
        VALUES (1, 11, 90);
INSERT INTO APPT_SERVICE
        VALUES (2, 1, 30);
INSERT INTO APPT_SERVICE
        VALUES (2, 6, 30);
INSERT INTO APPT_SERVICE
        VALUES (3, 7, 115);
INSERT INTO APPT_SERVICE
        VALUES (4, 3, 95);
INSERT INTO APPT_SERVICE
        VALUES (5, 8, 115);
```

```
INSERT INTO APPT_SERVICE
        VALUES (5, 10, 65);
INSERT INTO APPT_SERVICE
        VALUES (6, 5, 40);
INSERT INTO APPT_SERVICE
        VALUES (7, 7, 115);
INSERT INTO APPT_SERVICE
        VALUES (7, 8, 115);
INSERT INTO APPT_SERVICE
        VALUES (8, 2, 40);
INSERT INTO APPT_SERVICE
        VALUES (8, 11, 90);
INSERT INTO APPT_SERVICE
        VALUES (8, 6, 30);
INSERT INTO APPT_SERVICE
        VALUES (9, 8, 115);
INSERT INTO APPT_SERVICE
        VALUES (10, 8, 115);
INSERT INTO APPT_SERVICE
        VALUES (11, 5, 40);
INSERT INTO APPT_SERVICE
        VALUES (12, 12, 70);
```

```
INSERT INTO APPT_SERVICE
        VALUES (13, 14, 60);
INSERT INTO APPT_SERVICE
        VALUES (14, 10, 65);
INSERT INTO APPT_SERVICE
        VALUES (15, 1, 30);
INSERT INTO APPT_SERVICE
        VALUES (15, 3, 95);
INSERT INTO APPT_SERVICE
        VALUES (16, 3, 95);
INSERT INTO APPT_SERVICE
        VALUES (16, 6, 30);
INSERT INTO APPT_SERVICE
        VALUES (17, 1, 30);
```

PAYMENT table:

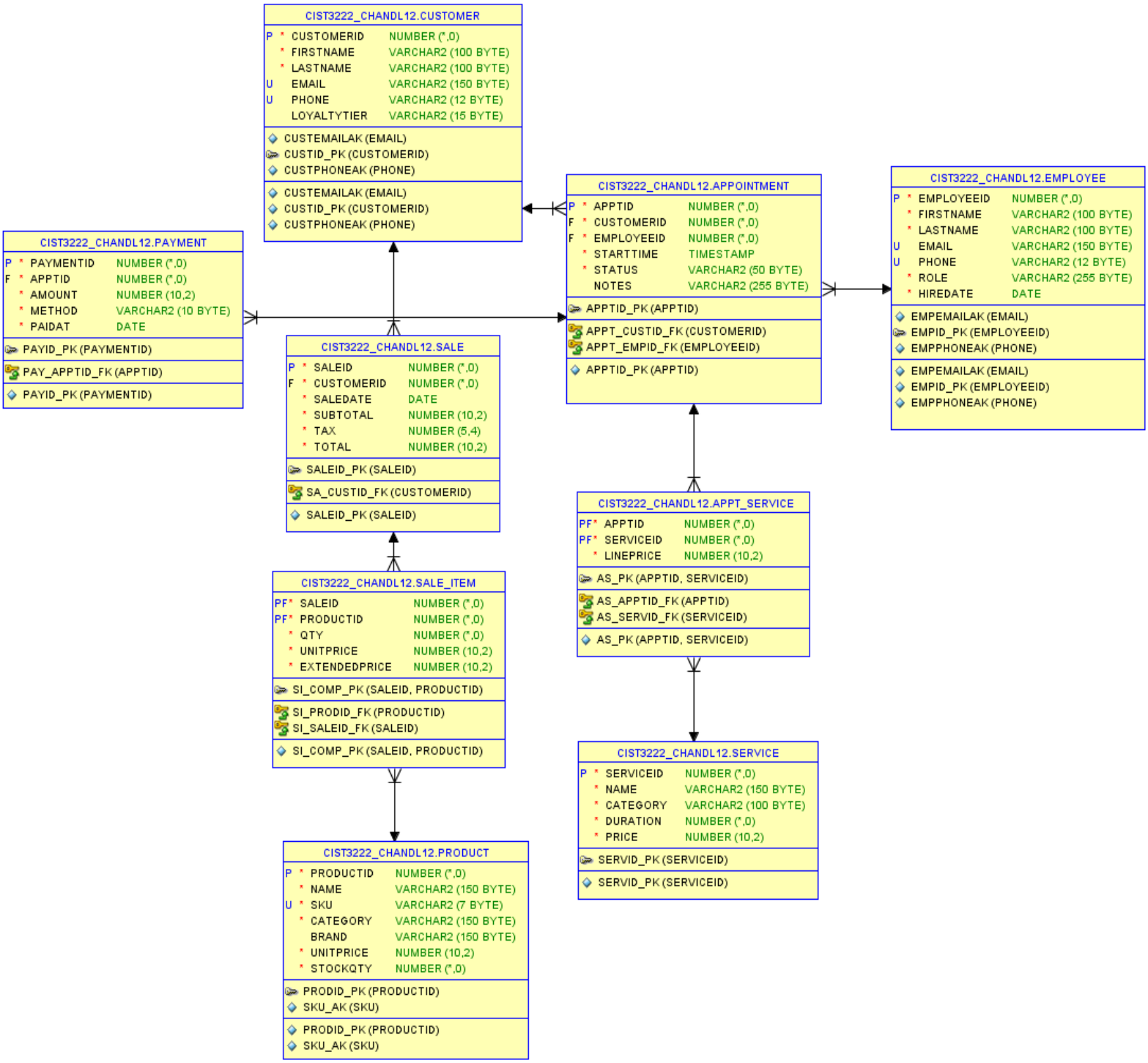
```
CREATE SEQUENCE paySeq INCREMENT BY 1 START WITH 1;
INSERT INTO PAYMENT (PaymentID, ApptID, Amount, Method, PaidAt)
        VALUES (paySeq.NEXTVAL, 1, 90, 'Cash', TO_DATE('12/01/2025 10:30:00',
'MM/DD/YYYY HH24:MI:SS'));

INSERT INTO PAYMENT
```

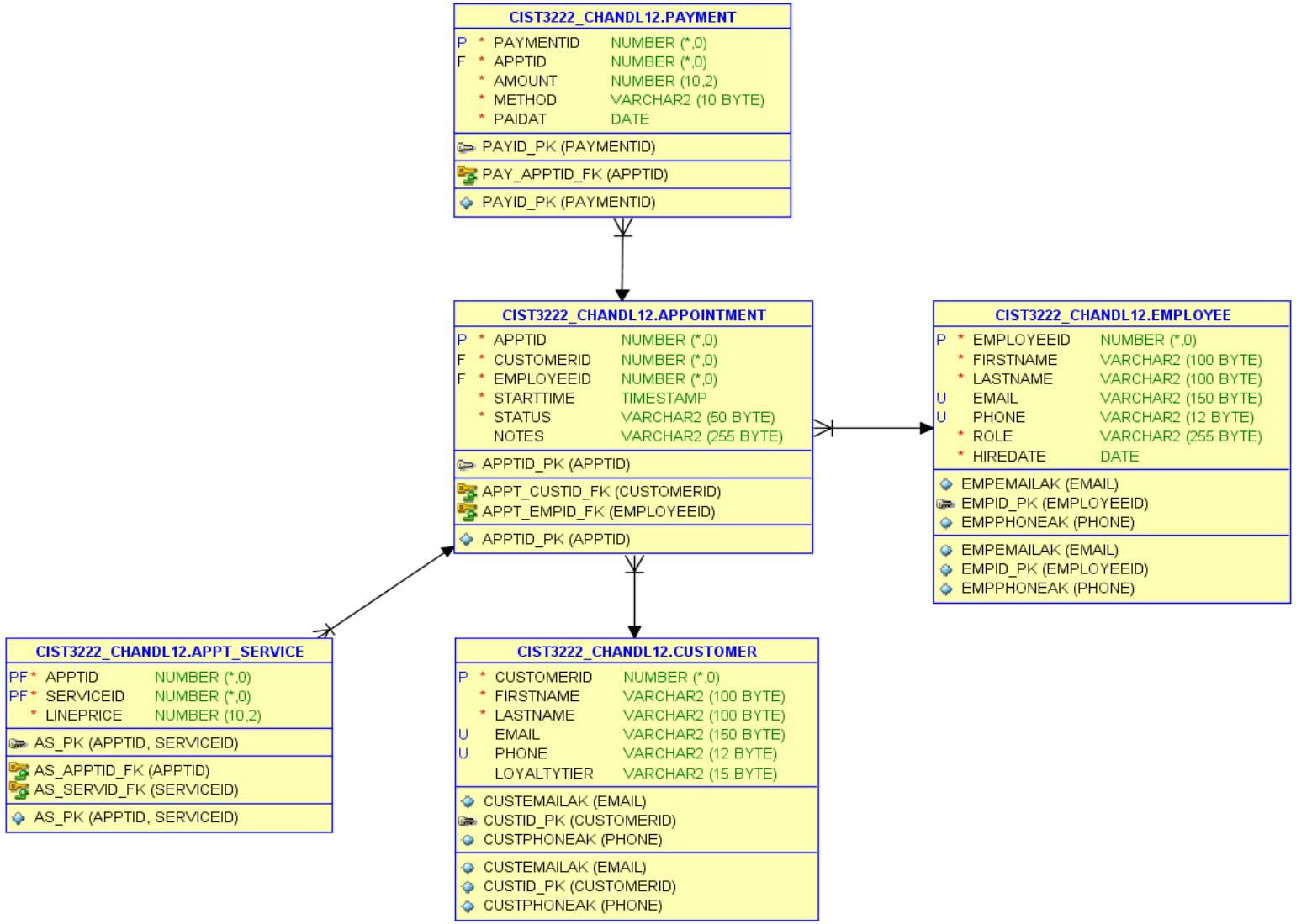
```
        VALUES (paySeq.NEXTVAL, 2, 60, 'Debit', TO_DATE('12/01/2025 10:00:00',
'MM/DD/YYYY HH24:MI:SS'));
INSERT INTO PAYMENT
        VALUES (paySeq.NEXTVAL, 3, 115, 'Debit', TO_DATE('12/01/2025 11:15:00',
'MM/DD/YYYY HH24:MI:SS'));
INSERT INTO PAYMENT
        VALUES (paySeq.NEXTVAL, 4, 95, 'Credit', TO_DATE('12/01/2025 13:15:00',
'MM/DD/YYYY HH24:MI:SS'));
-- Appointment 5 payment split between cash and debit
INSERT INTO PAYMENT
        VALUES (paySeq.NEXTVAL, 5, 90, 'Cash', TO_DATE('12/01/2025 14:00:00',
'MM/DD/YYYY HH24:MI:SS'));
INSERT INTO PAYMENT
        VALUES (paySeq.NEXTVAL, 5, 90, 'Debit', TO_DATE('12/01/2025 14:01:00',
'MM/DD/YYYY HH24:MI:SS'));
INSERT INTO PAYMENT
        VALUES (paySeq.NEXTVAL, 6, 40, 'Credit', TO_DATE('12/02/2025 09:40:00',
'MM/DD/YYYY HH24:MI:SS'));
-- Appointment 7 payment split
INSERT INTO PAYMENT
        VALUES (paySeq.NEXTVAL, 7, 115, 'Debit', TO_DATE('12/02/2025 13:30:00',
'MM/DD/YYYY HH24:MI:SS'));
INSERT INTO PAYMENT
```

```
        VALUES (paySeq.NEXTVAL, 7, 115, 'Cash', TO_DATE('12/02/2025 13:30:01',
'MM/DD/YYYY HH24:MI:SS'));
INSERT INTO PAYMENT
        VALUES (paySeq.NEXTVAL, 8, 160, 'Debit', TO_DATE('12/02/2025 13:45:00',
'MM/DD/YYYY HH24:MI:SS'));
INSERT INTO PAYMENT
        VALUES (paySeq.NEXTVAL, 9, 115, 'Cash', TO_DATE('12/02/2025 15:55:00',
'MM/DD/YYYY HH24:MI:SS'));
INSERT INTO PAYMENT
        VALUES (paySeq.NEXTVAL, 11, 150, 'Cash', TO_DATE('12/03/2025 10:45:00',
'MM/DD/YYYY HH24:MI:SS'));
INSERT INTO PAYMENT
        VALUES (paySeq.NEXTVAL, 13, 110, 'Cash', TO_DATE('12/03/2025 11:45:00',
'MM/DD/YYYY HH24:MI:SS'));
INSERT INTO PAYMENT
        VALUES (paySeq.NEXTVAL, 14, 65, 'Cash', TO_DATE('12/03/2025 12:45:00',
'MM/DD/YYYY HH24:MI:SS'));
```

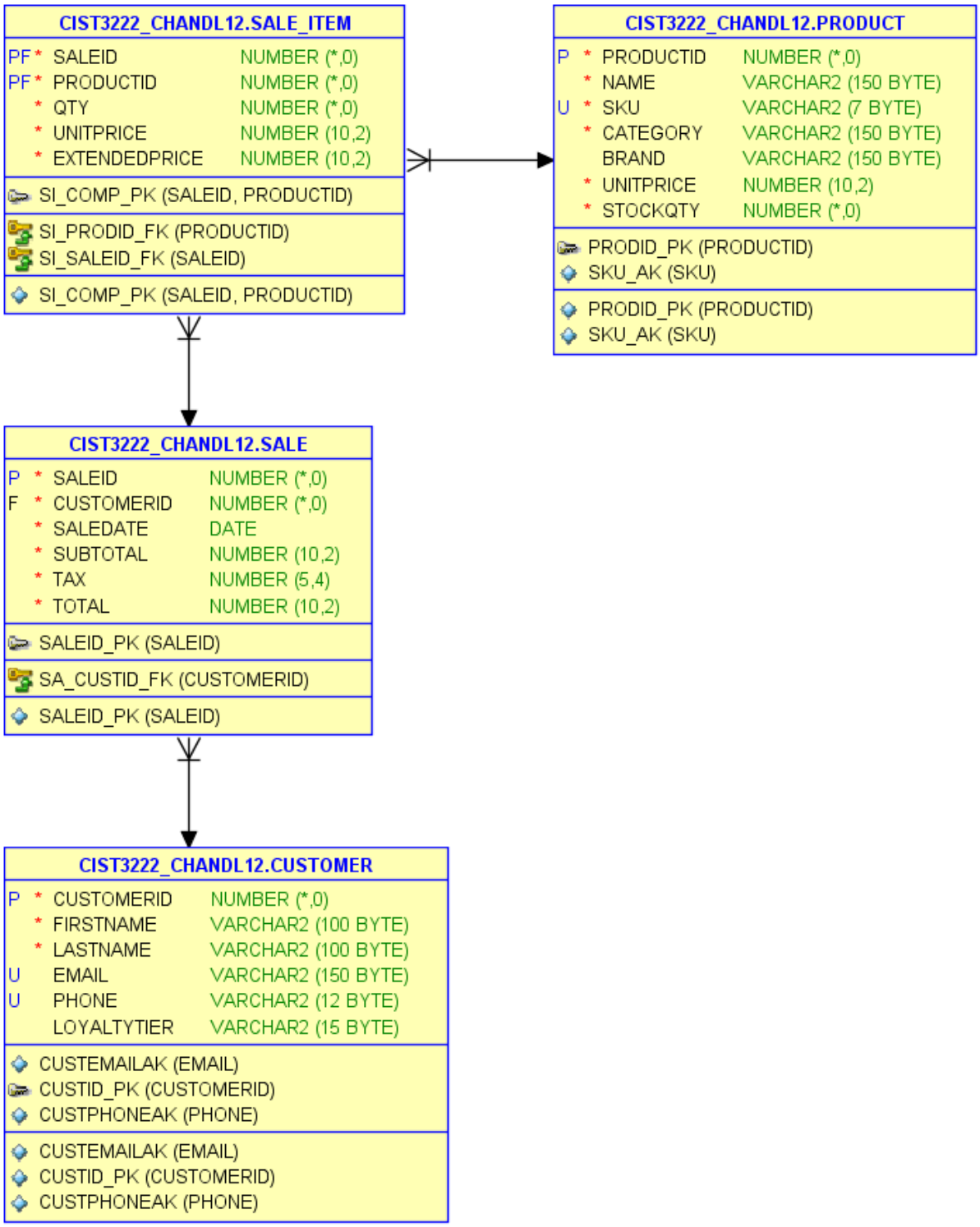
4.3: Screenshot of the ER Diagram in SQL Developer:



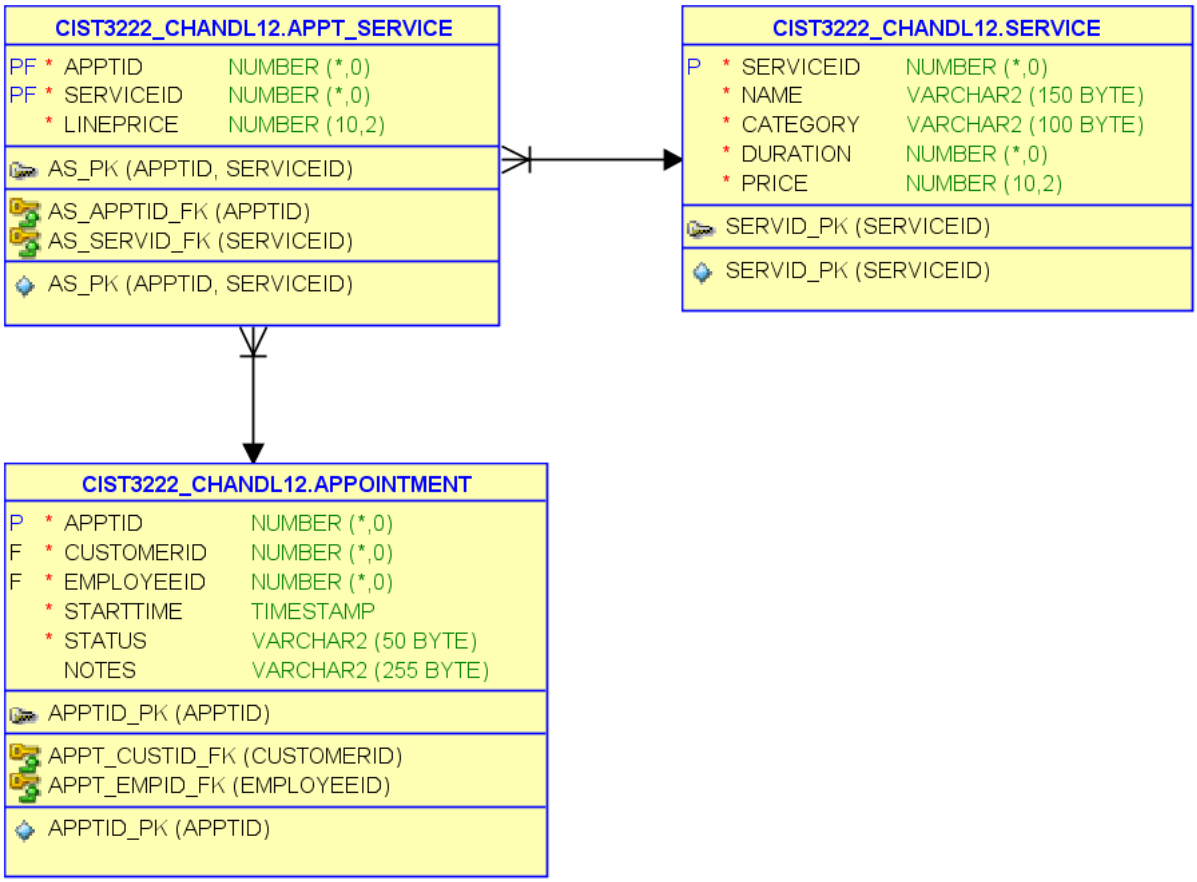
Appointment:



Sale:


CIST3222_CHANDL12.SALE_ITEM
PF * SALEID NUMBER (*,0)
PF * PRODUCTID NUMBER (*,0)
* QTY NUMBER (*,0)
* UNITPRICE NUMBER (10,2)
* EXTENDEDPRICE NUMBER (10,2)
SI_COMP_PK (SALEID, PRODUCTID)
SI_PRODID_FK (PRODUCTID)
SI_SALEID_FK (SALEID)
SI_COMP_PK (SALEID, PRODUCTID)
CIST3222_CHANDL12.PRODUCT
P * PRODUCTID NUMBER (*,0)
* NAME VARCHAR2 (150 BYTE)
U * SKU VARCHAR2 (7 BYTE)
* CATEGORY VARCHAR2 (150 BYTE)
BRAND VARCHAR2 (150 BYTE)
* UNITPRICE NUMBER (10,2)
* STOCKQTY NUMBER (*,0)
PRODID_PK (PRODUCTID)
SKU_AK (SKU)
PRODID_PK (PRODUCTID)
SKU_AK (SKU)
CIST3222_CHANDL12.SALE
P * SALEID NUMBER (*,0)
F * CUSTOMERID NUMBER (*,0)
* SALEDATE DATE
* SUBTOTAL NUMBER (10,2)
* TAX NUMBER (5,4)
* TOTAL NUMBER (10,2)
SALEID_PK (SALEID)
SA_CUSTID_FK (CUSTOMERID)
SALEID_PK (SALEID)
CIST3222_CHANDL12.CUSTOMER
P * CUSTOMERID NUMBER (*,0)
* FIRSTNAME VARCHAR2 (100 BYTE)
* LASTNAME VARCHAR2 (100 BYTE)
U EMAIL VARCHAR2 (150 BYTE)
U PHONE VARCHAR2 (12 BYTE)
LOYALTYTIER VARCHAR2 (15 BYTE)
CUSTEMAILAK (EMAIL)
CUSTID_PK (CUSTOMERID)
CUSTPHONEAK (PHONE)
CUSTEMAILAK (EMAIL)
CUSTID_PK (CUSTOMERID)
CUSTPHONEAK (PHONE)

Service:


CIST3222_CHANDL12.APPT_SERVICE
PF * APPTID NUMBER (*,0)
PF * SERVICEID NUMBER (*,0)
* LINEPRICE NUMBER (10,2)
AS_PK (APPTID, SERVICEID)
AS_APPTID_FK (APPTID)
AS_SERVID_FK (SERVICEID)
AS_PK (APPTID, SERVICEID)
CIST3222_CHANDL12.SERVICE
P * SERVICEID NUMBER (*,0)
* NAME VARCHAR2 (150 BYTE)
* CATEGORY VARCHAR2 (100 BYTE)
* DURATION NUMBER (*,0)
* PRICE NUMBER (10,2)
SERVID_PK (SERVICEID)
SERVID_PK (SERVICEID)
CIST3222_CHANDL12.APPOINTMENT
P * APPTID NUMBER (*,0)
F * CUSTOMERID NUMBER (*,0)
F * EMPLOYEEID NUMBER (*,0)
* STARTTIME TIMESTAMP
* STATUS VARCHAR2 (50 BYTE)
NOTES VARCHAR2 (255 BYTE)
APPTID_PK (APPTID)
APPT_CUSTID_FK (CUSTOMERID)
APPT_EMPID_FK (EMPLOYEEID)
APPTID_PK (APPTID)

4.4 Screenshots of ALL tables

EMPLOYEE table:

	EMPLOYE...	FIRSTNAME	LASTNAME	EMAIL	PHONE	ROLE	HIREDATE
1	1	Chuuya	Nakahara	ChuuyaN123@outlook.com	(null)	Stylist	06-JUN-22
2	2	Cindy	Johnson	Cin.dy121@gmail.com	(null)	Nail Technician	29-DEC-21
3	3	Cynthia	Gomez	(null)	204-541-1234	Receptionist	22-JAN-21
4	4	Jamie	Myers	JMyers912@gmail.com	204-670-3232	Nail Technician	28-FEB-23
5	5	Utahime	Iori	(null)	451-213-2131	Colourist	11-JUL-21
6	6	Jamie	Lee	J.Lee19931@outlook.com	451-213-2132	Barber	22-JAN-24
7	7	Kelly	Jameson	K.Jameson1003@gmail.com	609-411-1239	Massage Therapist	16-MAY-22
8	8	Matthew	Heafy	Matty.H1299@gmail.com	(null)	Massage Therapist	22-APR-22
9	9	Matthew	Healy	Matthew.Healy1299@gmail.com	204-111-3210	Esthetician	02-OCT-23

CUSTOMER table:

	CUSTOMERID	FIRSTNAME	LASTNAME	EMAIL	PHONE	LOYALTYTIER
1	1	Darius	Tehrani	(null)	224-987-2311	Platinum
2	2	Osamu	Dazai	NoLongerHuman1211@gmail.com	204-117-2311	Gold
3	3	Yeji	Hwang	Y.Hwang103@outlook.com	609-199-1234	Platinum
4	4	Courtney	LaPlante	Courtney.LP3910@gmail.com	(null)	Silver
5	5	Michelle	Joy	Michelle.J124@gmail.com	224-901-6322	Platinum
6	6	Yu	Jimin	(null)	451-731-6611	Bronze
7	7	Akiko	Yosano	(null)	501-441-7291	(null)
8	8	Kara	Danvers	(null)	123-415-8191	Bronze
9	9	Will	Ramos	Will.Ramos12310@outlook.com	451-115-8891	Platinum
10	10	Celica	Arfonia	(null)	224-915-0091	Silver

SERVICE table:

	SERV...	NAME	CATEGORY	DURATION	PRICE
1	1	Men's Cuts	Hair Cut	35	30
2	2	Women's Cuts	Hair Cut	45	40
3	3	All-Over Color	Hair Color	75	95
4	4	Beard Trim	Men's Grooming	25	15
5	5	Spa Manicure	Nail Services	25	40
6	6	Blow Out	Hair Styling	45	30
7	7	Deep Tissue Massage	Massage Therapy	75	115
8	8	Swedish Massage	Massage Therapy	75	115
9	9	Chemical Peel	Skin Care	40	55
10	10	Microdermabrasion	Skin Care	45	65
11	11	Full Highlights	Hair Color	75	90
12	12	Spa Pedicure	Nail Services	50	70
13	13	Deluxe Pedicure	Nail Services	80	110
14	14	Gel Pedicure	Nail Services	45	60

PRODUCT table:

	PRODUCTID	NAME	SKU	CATEGORY	BRAND	UNITPRICE	STOCKQTY
1	1	Colortrak Flexi Brushes - 4 pk	CHC1099	Hair Coloring Tools	Colortrak	8.99	250
2	2	Combinal Cream Hair Dye Black No. 1	CHC2001	Hair Coloring	Combinal	13.99	150
3	3	Blowout Defense Spray	THC3211	Hair Care	Tricoci	31	125
4	4	OPI Nail Lacquer - I Micha Be Dreaming - 0.5 fl oz	ONP1101	Nail Polish/Lacquer	OPI	6	150
5	5	CHI Pro Dryer	CHD3120	Hair Dryer	CHI	130.99	65
6	6	Combinal Cream Hair Dye Light Brown No. 6	CHC2006	Hair Coloring	Combinal	13.99	150
7	7	Olivia Garden Super HP Hair Dryer - Silver Blue	OHD2112	Hair Dryer	Olivia Garden	299.95	65
8	8	Stainless Steel Toe Nail Clipper	SNC4220	Nail Care Tools	Seki Edge	23	350
9	9	Cordless Barber Combo	WHC3012	Hair Clipper/Trimmer	Wahl	267.35	80
10	10	Refine Exfoliator Tricoci Skincare	TSC1009	Skincare	Tricoci	37	115
11	11	Cricket Beauty Hardware Pro Point Slant Tweezer	CHT2190	Hair Tweezers	Cricket	18.99	250
12	12	Deep Collagen Power Boosting Overnight Sheet Mask	SFM1155	Masks	Sungboon Editor	29	200
13	13	Hydro Boost Hydrating 100% Hydrogel Mask	NFM2165	Masks	Neutrogena	5.49	350
14	14	Gelish Gel Polish - Can't Burst My Bubble - 0.5 fl oz	GNP8150	Nail Polish/Lacquer	Gelish	15.95	145
15	15	Pharmagel Eye Firme Firming Eye Gel - 1 fl oz.	PEC5515	Eyecare	Pharmagel	25.6	140

PAYMENT table:

	PAYMENTID	APPTID	AMOUNT	METHOD	PAIDAT
1	1	1	90	Cash	01-DEC-25
2	2	2	60	Debit	01-DEC-25
3	3	3	115	Debit	01-DEC-25
4	4	4	95	Credit	01-DEC-25
5	5	5	90	Cash	01-DEC-25
6	6	5	90	Debit	01-DEC-25
7	7	6	40	Credit	02-DEC-25
8	8	7	115	Debit	02-DEC-25
9	9	7	115	Cash	02-DEC-25
10	10	8	160	Debit	02-DEC-25
11	11	9	115	Cash	02-DEC-25
12	12	11	150	Cash	03-DEC-25
13	13	13	110	Cash	03-DEC-25
14	14	14	65	Cash	03-DEC-25

SALE table:

	SALEID	CUSTOMERID	SALEDATE	SUBTOTAL	TAX	TOTAL
1	1	3	12-DEC-21	98.98	0.0625	105.17
2	2	1	11-JUN-21	351.33	0.0625	373.29
3	3	2	01-JAN-22	79.97	0.0575	84.57
4	4	3	11-JUL-21	462.03	0.0625	490.91
5	5	6	25-AUG-24	258.44	0.0255	265.03
6	6	10	04-FEB-22	299.95	0.0575	317.2
7	7	9	29-OCT-23	432.32	0.04	449.61
8	8	7	14-MAR-23	34.47	0.0625	36.62
9	9	6	27-APR-22	43	0.0255	44.1
10	10	1	14-NOV-25	267.35	0.0625	284.06
11	11	4	11-JUN-21	130.02	0.0575	137.5
12	12	3	21-SEP-24	248.89	0.0625	264.45

APPOINTMENT table:

	APPTID	CUSTOMERID	EMPLOYEEID	STARTTIME	STATUS	NOTES
1	1	1	5	01-DEC-25 09.00.00.000000000 AM	Paid	Customer requested privacy
2	2	2	1	01-DEC-25 09.00.00.000000000 AM	Paid	(null)
3	3	3	8	01-DEC-25 10.00.00.000000000 AM	Paid	(null)
4	4	3	5	01-DEC-25 12.00.00.000000000 PM	Paid	Blue dye job
5	5	5	8	01-DEC-25 12.00.00.000000000 PM	Paid	(null)
6	6	6	2	02-DEC-25 09.00.00.000000000 AM	Paid	(null)
7	7	1	8	02-DEC-25 11.00.00.000000000 AM	Paid	Customer allergic to latex
8	8	5	1	02-DEC-25 11.00.00.000000000 AM	Paid	(null)
9	9	5	9	02-DEC-25 02.00.00.000000000 PM	Paid	(null)
10	10	5	9	02-JAN-26 02.00.00.000000000 PM	Scheduled	Session 2
11	11	2	2	03-DEC-25 09.00.00.000000000 AM	Paid	Double booking
12	12	2	4	03-DEC-25 09.00.00.000000000 AM	Paid	Double booking
13	13	4	4	03-DEC-25 11.00.00.000000000 AM	Paid	(null)
14	14	4	9	03-DEC-25 12.00.00.000000000 PM	Paid	(null)
15	15	9	6	04-DEC-25 09.00.00.000000000 AM	In Progress	(null)
16	16	10	1	04-DEC-25 09.00.00.000000000 AM	In Progress	(null)
17	17	1	2	04-DEC-25 09.00.00.000000000 AM	Completed	(null)

SALE_ITEM table:

	SALEID	PRODUCTID	QTY	UNITPRICE	EXTENDEDPRICE
1	1	1	1	8.99	8.99
2	1	2	1	13.99	13.99
3	1	4	3	6	18
4	1	12	2	29	58
5	2	8	2	23	46
6	2	9	1	267.35	267.35
7	2	11	2	18.99	37.98
8	3	8	1	23	23
9	3	11	3	18.99	56.97
10	4	3	1	31	31
11	4	7	1	299.95	299.95
12	4	10	1	37	37
13	4	13	2	5.49	10.98
14	4	14	2	15.95	31.9
15	4	15	2	25.6	51.2
16	5	2	2	13.99	27.98
17	5	5	1	130.99	130.99
18	5	6	3	13.99	41.97
19	5	14	2	15.95	31.9
20	5	15	1	25.6	25.6
21	6	7	1	299.95	299.95
22	7	5	1	130.99	130.99
23	7	8	1	23	23
24	7	9	1	267.35	267.35
25	7	13	2	5.49	10.98
26	8	1	1	8.99	8.99
27	8	4	1	6	6
28	8	6	1	13.99	13.99
29	8	13	1	5.49	5.49
30	9	4	1	6	6
31	9	10	1	37	37
32	10	9	1	267.35	267.35
33	11	1	1	8.99	8.99
34	11	2	1	13.99	13.99
35	11	3	1	31	31
36	11	4	1	6	6
37	11	8	1	23	23
38	11	13	1	5.49	5.49
39	11	14	1	15.95	15.95
40	11	15	1	25.6	25.6
41	12	1	1	8.99	8.99
42	12	2	1	13.99	13.99
43	12	4	2	6	12
44	12	5	1	130.99	130.99
45	12	10	1	37	37
46	12	11	1	18.99	18.99
47	12	13	2	5.49	10.98
48	12	14	1	15.95	15.95

APPT_SERVICE table:

	APPTID	SERVICEID	LINEPRICE
1	1	11	90
2	2	1	30
3	2	6	30
4	3	7	115
5	4	3	95
6	5	8	115
7	5	10	65
8	6	5	40
9	7	7	115
10	7	8	115
11	8	2	40
12	8	11	90
13	8	6	30
14	9	8	115
15	10	8	115
16	11	5	40
17	12	12	70
18	13	14	60
19	14	10	65
20	15	1	30
21	15	3	95
22	16	3	95
23	16	6	30
24	17	1	30