



SECD 2523 Database

Project Phase 3

Getmehired.io Assist System << HireMe >>

LECTURER: Dr Izyan Izzati

SECTION: 02

GROUP NAME: Vergil's Chair

TEAM MEMBERS:

- | | |
|-------------------------------|-----------|
| 1. Navveen Nair A/L Manoharan | A22EC0092 |
| 2. Suren A/L Chandra Sekaran | A22EC0275 |
| 3. Taneshwer Sanggar | A23CS5052 |
| 4. Lee Jian Li | A22EC0064 |
| 5. Liew Shan Kai | A21EA0051 |

Table of content

Content	Page
1.0 Introduction	2
2.0 Overview of the project	3
3.0 Database conceptual design	
3.1 Updated business rule	4
3.2 Conceptual ERD	5
3.3 Enhanced ERD	6
4.0 Database logical design	
4.1 Logical ERD	7
4.2 Updated data dictionary	8
4.3 Normalization	12
5.0 Relational DB schemas (after normalization)	14
6.0 SQL statements (DDL & DML)	16
7.0 Summary	41

1.0 Introduction

In today's fast-paced world of career advancement, having a compelling and professionally crafted Curriculum Vitae (CV) is crucial for job seekers in the competitive job market. To address the challenges faced by individuals in creating impactful CVs, we present 'GetMeHired.io' an innovative online platform dedicated to simplifying and enhancing the CV creation process.

"GetMeHired.io" aims to redefine the CV-building experience with an intuitive, step-by-step process, making it easy for users to navigate through each section of their professional profile. Users have access to a collection of professionally designed CV templates that can be purchased. The platform allows customization, enabling individuals to tailor their CVs to showcase their unique skills, experiences, and career aspirations.

2.0 Overview of the project

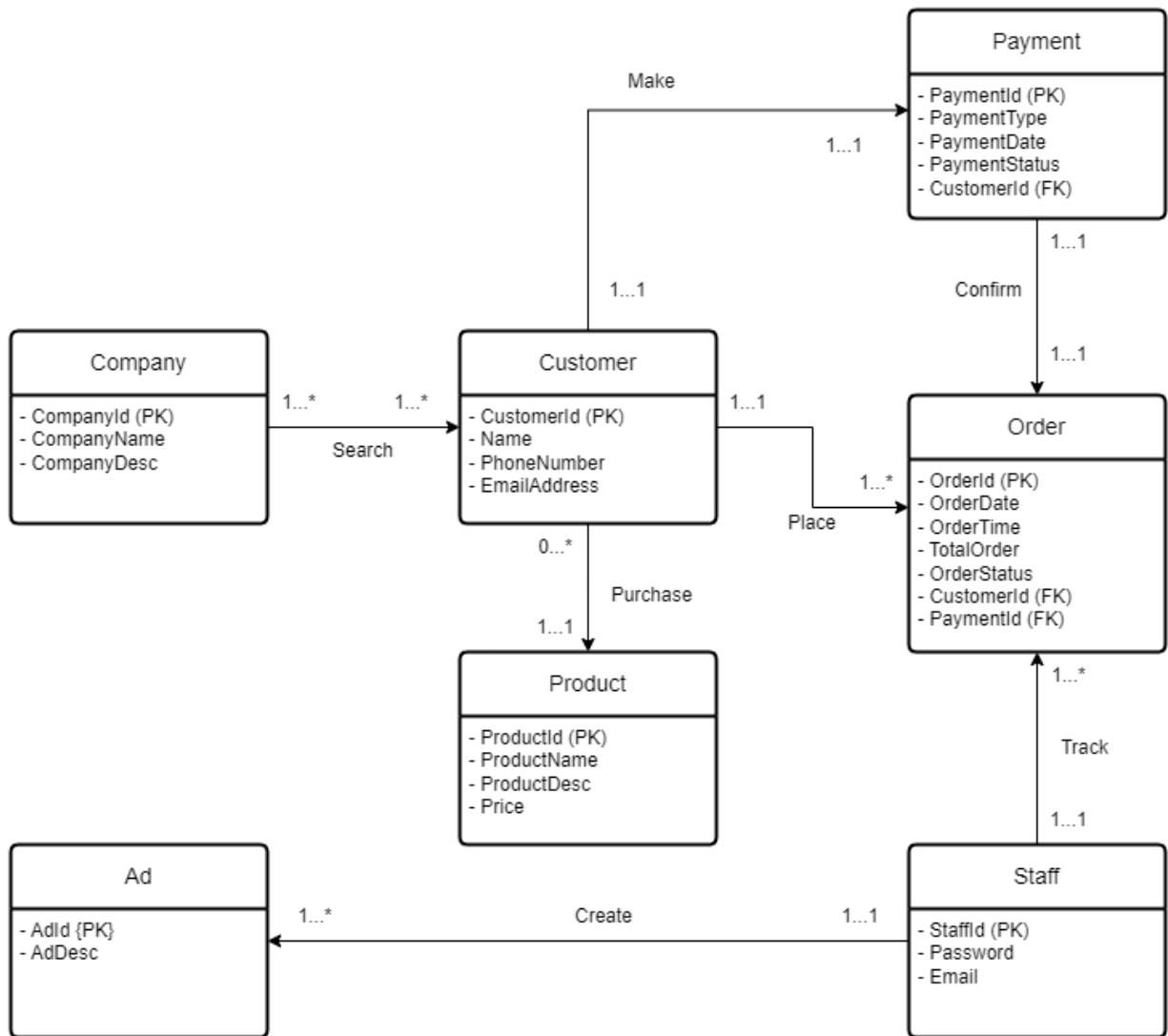
After completing phase 3 which is the database conceptual design phase, we have proceeded to phase 4 to implement the database logical design and produce SQL statements (both DDL and DML) for our GetMeHired.io website. In this report, we will transform the conceptual ERD in phase 3 into logical ERD followed by producing the relation schema. Normalization will also be done to minimize the duplicated data to enhance the data stored logically. After that, we will update the data dictionary for GetMeHired.io website by referring to the normalized relation. Lastly, the database for the website will be created using SQL.

3.0 Database conceptual design

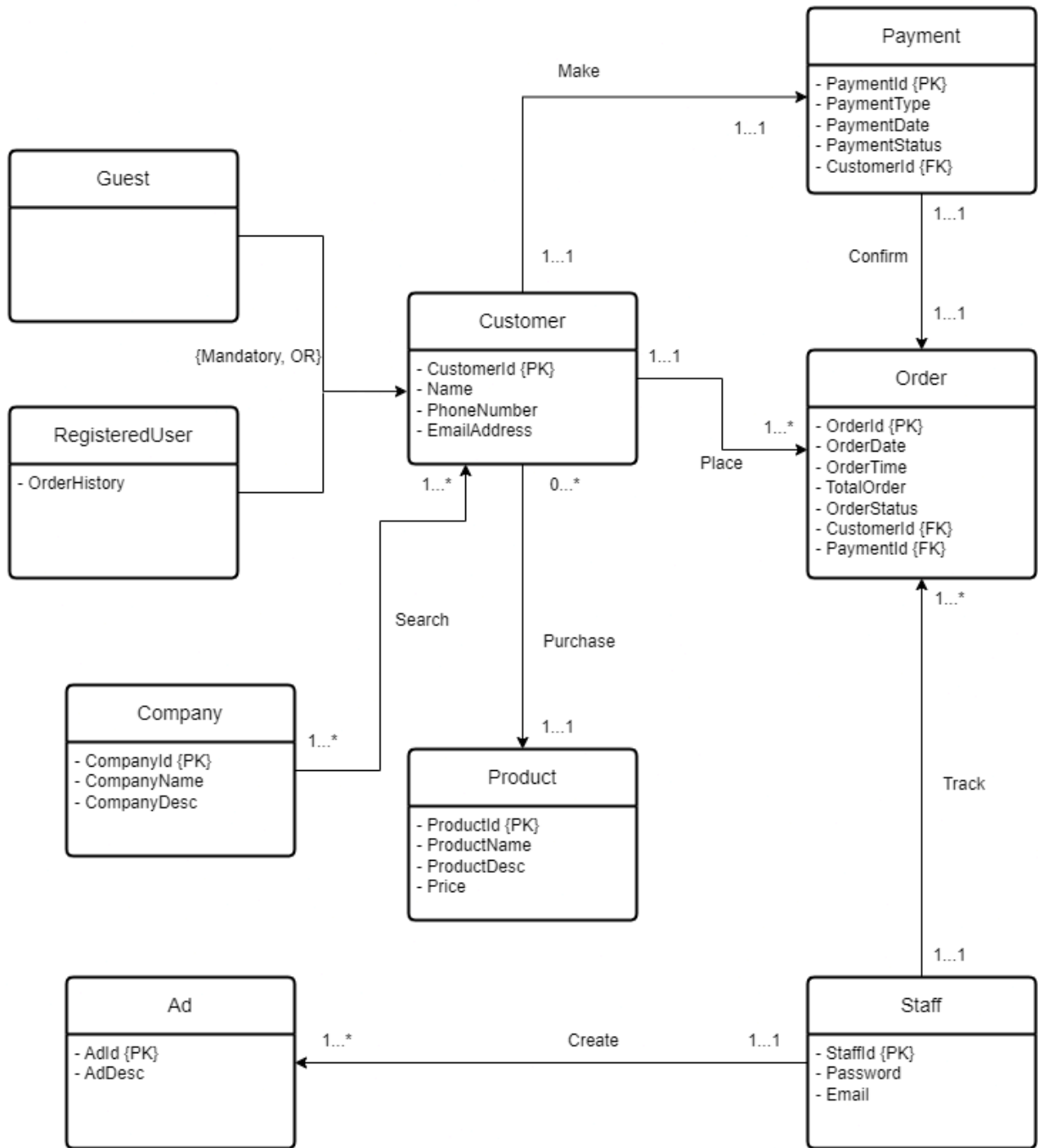
3.1 Updated business rule

1. The delivery system is working 24 hours a day, 7 days a week.
2. For the payment system, it will stop working from 12am-1am everyday due to the bank maintenance.
3. The payment status will be updated and sent to customers who have completed the purchase in less than 5 minutes via email delivery.
4. Customers are optional to register an account before purchasing a CV plan from the website.
5. Customers can preview each CV plan before placing an order.
6. For guests, customers must input their name and phone number in the system for checking.
7. Customers shall receive a final report of the CV from the system.
8. Staff must enter a Staff ID and password to access the system for tracking the orders. and email address for the delivery purposes upon checking out an order.
9. For registered users, customers can login into the account and perform the check out process directly without having to fill in the necessary details.
10. Customers must select a payment method from the available options to process the payment.
11. Customers shall receive the purchased CV templates via email.
12. Customers must fill the CV templates before submitting int

3.2 Conceptual ERD

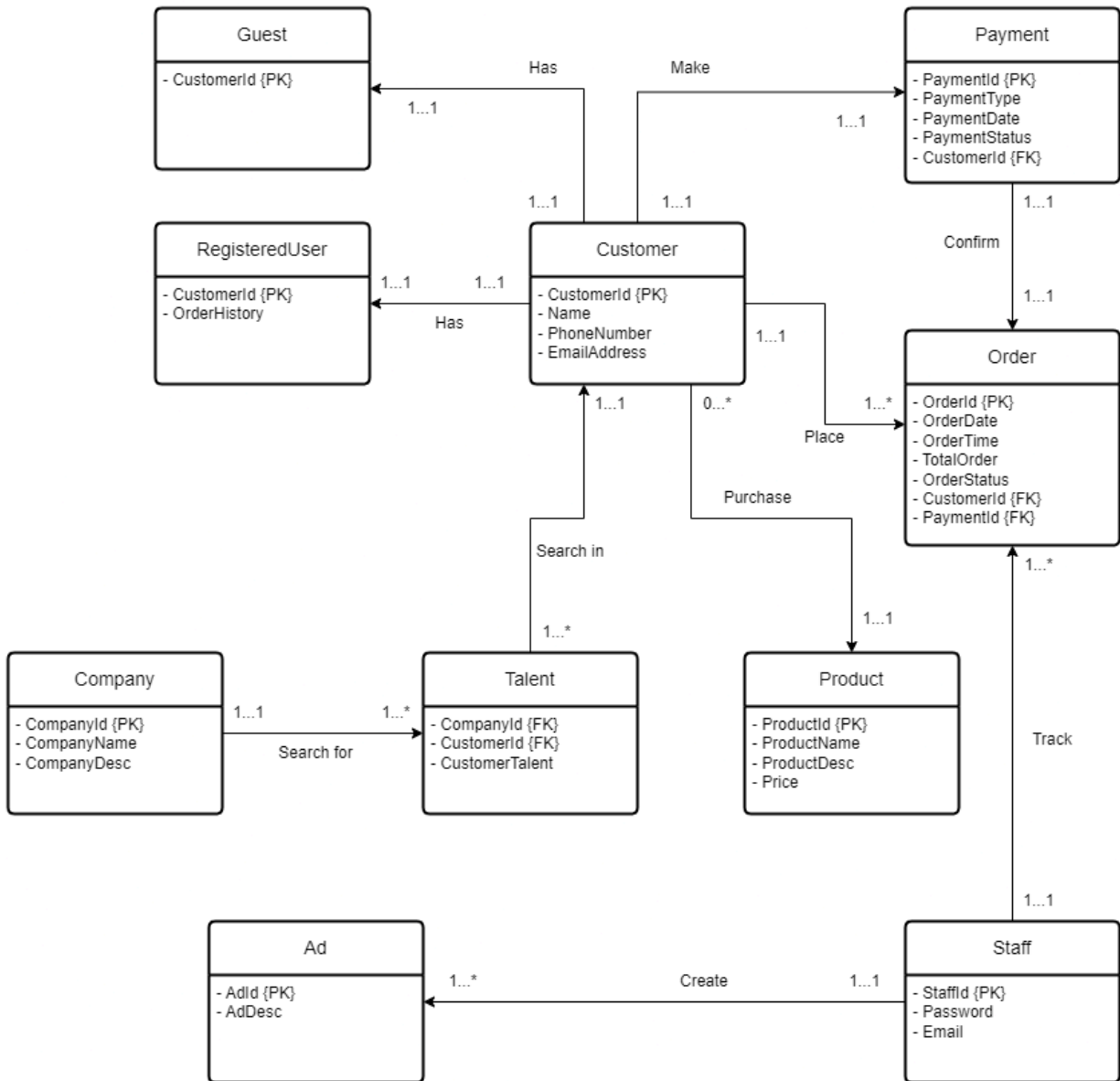


3.3 Enhanced ERD



4.0 Database logical design

4.1 Logical ERD



4.2 Updated data dictionary

4.2.1 Description of entities

Entity	Description	Occurrence
Customer	Holds the data of customer	Customer places order and makes payment for the order
Guest	Hold the data of new customer	
RegisteredUser	Hold the data of registered customer	Records order history of a customer.
Staff	Holds the data of staff	Staff monitors the sales and handles communication with potential customers
Ad	Hold the advertisement details	Staff create ads based on order.
Payment	Holds the payment details	Customer makes payment for their order
Order	Holds the order details	Customer places order for their desired product
Product	Holds the data about product	Customer can view details about the products
Company	Holds the data of the company	
Talent	Holds the customer talent detail	Company search for talented customers

4.2.2 Description of relationship

Entity	Multiplicity	Relationship	Multiplicity	Entity
Customer	1...1	Place	1...*	Order
	1...1	Make	1...1	Payment
	0...*	Purchase	1...1	Product

	1...1	Has	1...1	Guest
	1...1	Has	1...1	RegisteredUser
Payment	1...1	Confirm	1...1	Order
Company	1...1	Search for	1...*	Talent
Talent	1...*	Search in	1...1	Customer
Staff	1...1	Track	1...*	Order
	1...1	Create	1...*	Ad

4.2.3 Description of attributes

Entity	Attribute	Description	Data type	Constraint
Customer	CustomerId	Customer's Id	VARCHAR2(15)	PRIMARY KEY
	Name	Customer's name	VARCHAR2(30)	NOT NULL
	PhoneNumber	Customer's phone number	VARCHAR2(12)	NOT NULL
	Address	Customer's address	VARCHAR2(100)	NOT NULL
Guest	CustomerId	Customer's Id	VARCHAR2(15)	PRIMARY KEY
RegisteredUser	CustomerId	Customer's Id	VARCHAR2(15)	PRIMARY KEY
	OrderHistory	Order history of the customer	VARCHAR2(100)	NOT NULL
Company	CompanyId	Company's Id	VARCHAR2(15)	PRIMARY KEY
	CompanyName	Company Name	VARCHAR2(50)	NOT NULL
	CompanyDesc	Company description	VARCHAR2(200)	NOT NULL

Talent	CompanyId	Company's Id	VARCHAR2(15)	FOREIGN KEY -REFERENCE COMPANY
	CustomerId	Customer's Id	VARCHAR2(15)	FOREIGN KEY -REFERENCE CUSTOMER
	CustomerTalent	Talent of the customer	VARCHAR2(100)	NOT NULL
Product	ProductId	Product's id	VARCHAR2(15)	PRIMARY KEY
	ProductName	Product's name	VARCHAR2(30)	NOT NULL
	ProductDesc	Product's description	VARCHAR2(100)	NOT NULL
	Price	Product's price	DECIMAL(10,2)	NOT NULL
Payment	PaymentId	Payment Id	VARCHAR2(15)	PRIMARY KEY
	PaymentType	Payment method	CHAR(1)	NOT NULL
	PaymentDate	Date of payment	DATE	NOT NULL
	PaymentStatus	Payment status	CHAR(1)	NOT NULL
	CustomerId	Customer's Id	VARCHAR2(15)	FOREIGN KEY -REFERENCE CUSTOMER
Order	OrderId	Order's Id	VARCHAR2(15)	PRIMARY KEY
	OrderDate	Date of order	DATE	NOT NULL
	OrderTime	Time of order	TIME	NOT NULL
	TotalOrder	Total order	DECIMAL(10,2)	NOT NULL
	OrderStatus	Order status	CHAR(1)	NOT NULL
	CustomerId	Customer's Id	VARCHAR2(15)	FOREIGN

				KEY -REFERENCE CUSTOMER
	PaymentId	Payment Id	VARCHAR2(15)	FOREIGN KEY -REFERENCE PAYMENT
Staff	StaffId	Staff's Id	VARCHAR2(15)	PRIMARY KEY
	Password	Staff's password	VARCHAR2(8)	NOT NULL
	Email	Staff's email	VARCHAR2(30)	NOT NULL
Ad	AdId	Advertisement Id	VARCHAR2(15)	PRIMARY KEY
	AdDesc	Advertisement description	VARCHAR2(100)	NOT NULL

4.3 Normalization

1. Customer(CustomerId, Name, PhoneNumber, Address)

fd1: CustomerId \rightarrow Name, PhoneNumber, Address

1NF&2NF&3NF&BCNF:

Customer(CustomerId, Name, PhoneNumber, Address)

2. Guest(CustomerId)

fd1: CustomerId \rightarrow CustomerId

1NF&2NF&3NF&BCNF:

Guest(CustomerId)

3. RegisteredUser(CustomerId, OrderHistory)

fd1: CustomerId \rightarrow OrderHistory

1NF&2NF&3NF&BCNF:

RegisteredUser(CustomerId, OrderHistory)

4. Company(CompanyId, CompanyName, CompanyDesc)

fd1: CompanyId \rightarrow CompanyName, CompanyDesc

1NF&2NF&3NF&BCNF:

Company(CompanyId, CompanyName, CompanyDesc)

5. Talent(CompanyId, CustomerId, CustomerTalent)

fd1: CompanyId \rightarrow CustomerId, CustomerTalent

1NF&2NF&3NF&BCNF:

Talent(CompanyId, CustomerId, CustomerTalent)

6. Product(ProductId, ProductName, ProductDesc, Price)

fd1: ProductId \rightarrow ProductName, ProductDesc, Price

1NF&2NF&3NF&BCNF:

Product(ProductId, ProductName, ProductDesc, Price)

7. Payment(PaymentId, PaymentType, PaymentDate, PaymentStatus, CustomerId)
fd1: PaymentId \rightarrow PaymentType, PaymentDate, PaymentStatus
fd2: PaymentId \rightarrow CustomerId
1NF:
Payment(PaymentId, PaymentType, PaymentDate, PaymentStatus, CustomerId)
2NF&3NF&BCNF:
Payment(PaymentId, PaymentType, PaymentDate, PaymentStatus, CustomerId)
8. Order(OrderId, OrderDate, OrderTime, TotalOrder, OrderStatus, CustomerId, PaymentId)
fd1: OrderId \rightarrow OrderDate, OrderTime, TotalOrder, OrderStatus
fd2: OrderId \rightarrow CustomerId
fd3: OrderId \rightarrow PaymentId
1NF:
Order(OrderId, OrderDate, OrderTime, TotalOrder, OrderStatus, CustomerId, PaymentId)
2NF:
Order(OrderId, OrderDate, OrderTime, TotalOrder, OrderStatus, CustomerId, PaymentId)
3NF&BCNF:
Order(OrderId, OrderDate, OrderTime, TotalOrder, OrderStatus, CustomerId, PaymentId)
9. Staff(StaffId, Password, Email)
fd1: Staff \rightarrow Password, Email
1NF&2NF&3NF&BCNF:
Staff(StaffId, Password, Email)
10. Ad(AdId, AdDesc)
fd1: AdId \rightarrow AdDesc
1NF&2NF&3NF&BCNF:
Ad(AdId, AdDesc)

5.0 Relational DB schemas (after normalization)

These are the set of relation schemas in relational database schema

Customer(CustomerId, Name, PhoneNumber, Address)

Guest(CustomerId)

RegisteredUser(CustomerId, OrderHistory)

Company(CompanyId, CompanyName, CompanyDesc)

Talent(CompanyId, CustomerId, CustomerTalent)

Product(ProductId, ProductName, ProductDesc, Price)

Payment(PaymentId, PaymentType, PaymentDate, PaymentStatus, CustomerId)

Order(OrderId, OrderDate, OrderTime, TotalOrder, OrderStatus, CustomerId, PaymentId)

Staff(StaffId, Password, Email)

Ad(AdId, AdDesc)

Customer

CustomerId	Name	PhoneNumber	Address
------------	------	-------------	---------

Guest

CustomerId

RegisteredUser

CustomerId	OrderHitsory
------------	--------------

Company

CompanyId	CompanyName	CompanyDesc
-----------	-------------	-------------

Talent

CompanyId	CustomerId	CustomerTalent
-----------	------------	----------------

Product

ProductId	ProductName	ProductDesc	Price
-----------	-------------	-------------	-------

Payment

PaymentId	PaymentType	PaymentDate	PaymentStatus	CustomerId
-----------	-------------	-------------	---------------	------------

Order

OrderId	OrderDate	OrderTime	TotalOrder	OrderStatus	CustomerId	PaymentId
---------	-----------	-----------	------------	-------------	------------	-----------

Staff

StaddId	Password	Email
---------	----------	-------

Ad

AdId	AdDesc
------	--------

6.0 SQL statements (DDL & DML)

-- Creating the CUSTOMER table to store customer information

```
CREATE TABLE CUSTOMER(  
    CustomerID VARCHAR2(15) NOT NULL,  
    Name VARCHAR2(30) NOT NULL,  
    PhoneNumber VARCHAR2(12) NOT NULL,  
    Address VARCHAR2(100) NOT NULL,  
    CONSTRAINT CustomerID_PK PRIMARY KEY (CustomerID)  
);
```

-- Creating the PRODUCT table to store product information

```
CREATE TABLE PRODUCT(  
    ProductID VARCHAR2(15) NOT NULL,  
    ProductName VARCHAR2(30) NOT NULL,  
    ProductDesc VARCHAR2(100) NOT NULL,  
    Price DECIMAL(10,2) NOT NULL,  
    CONSTRAINT ProductID_pk PRIMARY KEY (ProductID)  
);
```

-- Creating the PAYMENT table to store payment information

```
CREATE TABLE PAYMENT(  
    PaymentID VARCHAR2(15) NOT NULL,  
    PaymentType CHAR(1) NOT NULL,  
    PaymentDate DATE NOT NULL,  
    PaymentStatus CHAR(1) NOT NULL,  
    CustomerID VARCHAR2(15) NOT NULL,  
    CONSTRAINT PaymentID_pk PRIMARY KEY (PaymentID)  
);
```

-- Creating the ORDERS table to store order information

```
CREATE TABLE ORDERS(  
    OrderID VARCHAR2(15) NOT NULL,  
    OrderDate DATE NOT NULL,  
    OrderTime TIMESTAMP NOT NULL,
```

```

OrderStatus CHAR(1) NOT NULL,
CustomerID VARCHAR2(15) NOT NULL,
PaymentID VARCHAR2(15) NOT NULL,
CONSTRAINT CustomerID_2_fk FOREIGN KEY(CustomerID) REFERENCES
CUSTOMER(CustomerID),
CONSTRAINT PaymentID_1_fk FOREIGN KEY(PaymentID) REFERENCES
PAYMENT(PaymentID)
);
-- Creating the STAFF table to store staff information
CREATE TABLE STAFF(
StaffID VARCHAR2(15) NOT NULL,
Password VARCHAR2(8) NOT NULL,
Email VARCHAR2(30) NOT NULL
);
-- Creating the COMPANY table to store company information
CREATE TABLE COMPANY(
CompanyID VARCHAR2(15) NOT NULL,
CompanyName VARCHAR2(50) NOT NULL,
CompanyDesc VARCHAR2(200) NOT NULL,
CONSTRAINT CompanyID_PK PRIMARY KEY (CompanyID)
);
-- Creating the GUEST table to store guest information
CREATE TABLE GUEST(
CustomerID VARCHAR2(15) NOT NULL,
CONSTRAINT CustomerID_3_PK PRIMARY KEY (CustomerID)
);
-- Creating the RegisteredUser table to store registered user information
CREATE TABLE RegisteredUser(
CustomerID VARCHAR2(15) NOT NULL,
OrderHistory VARCHAR2(100) NOT NULL,
CONSTRAINT CustomerID_4_PK PRIMARY KEY (CustomerID)

```

```

);
-- Creating the AD table to store advertisement information
CREATE TABLE AD(
    AdID VARCHAR2(15) NOT NULL,
    AdDesc VARCHAR2(200) NOT NULL,
    CONSTRAINT AdID_1_PK PRIMARY KEY (AdID)
);
-- Creating the TALENT table to store talent information
CREATE TABLE TALENT(
    CompanyID VARCHAR2(15) NOT NULL,
    CustomerID VARCHAR2(15) NOT NULL,
    CustomerTalent VARCHAR2(200) NOT NULL,
    CONSTRAINT CompanyID_1_fk FOREIGN KEY(CompanyID) REFERENCES
COMPANY(CompanyID),
    CONSTRAINT CustomerID_3_fk FOREIGN KEY(CustomerID) REFERENCES
CUSTOMER(CustomerID)
);

-- Add foreign key constraint to Payment Table
ALTER TABLE PAYMENT
ADD CONSTRAINT CustomerID_1_fk FOREIGN KEY(CustomerID) REFERENCES
CUSTOMER(CustomerID)

-- Inserting customer data
INSERT INTO CUSTOMER
VALUES('ID001','SUREN','0189884113','NO.8, JALAN MERANTI, TAMAN CENGAL,
JOHOR BAHRU');
INSERT INTO CUSTOMER
VALUES('ID002','ALI','0195667345','NO.9, JALAN DELIMA, TAMAN ANGKASA, JOHOR
BAHRU');
INSERT INTO CUSTOMER

```

```

VALUES('ID003','ABU','0184567890','NO.4, JALAN BIRU, TAMAN SENTOSA, SHAH
ALAM');
INSERT INTO CUSTOMER
VALUES('ID004','LISA','0165432344','NO.10, JALAN MERAH, TAMAN NANGKA, IPOH');
INSERT INTO CUSTOMER
VALUES('ID005','DEPP','0156790089','NO.6, JALAN KUNING, TAMAN KUCING,
KLANG');
INSERT INTO CUSTOMER
VALUES('ID006','JOSEPH','0167899999','NO.34, JALAN BANDUNG, TAMAN DURIAN,
JOHOR BAHRU');
INSERT INTO CUSTOMER
VALUES('ID007','JONATHAN','0165553212','NO.40, JALAN KATIL, TAMAN DAUN,
MIRI');
INSERT INTO CUSTOMER
VALUES('ID008','JACK','0178909345','NO.30, JALAN CERMIN, TAMAN UNGU,
PUTRAJAYA');
INSERT INTO CUSTOMER
VALUES('ID009','MAX','0123421999','NO.5, JALAN AWAN, TAMAN TINGGI, SHAH
ALAM');
INSERT INTO CUSTOMER
VALUES('ID010','RAJU','0189878654','NO.90, JALAN MERAH, TAMAN HIJAU, JOHOR
BAHRU');
INSERT INTO CUSTOMER
VALUES('ID011','CHONG','0167456789','NO.76, JALAN PUTIH, TAMAN LIMAU,
KLANG');
INSERT INTO CUSTOMER
VALUES('ID012','LEE','0107896532','NO.69, JALAN LANGSIR, TAMAN KERUSI, MUAR');
INSERT INTO CUSTOMER
VALUES('ID013','AMAR','0176452112','NO.55, JALAN INDAH, TAMAN BUKIT, JOHOR
BAHRU');
INSERT INTO CUSTOMER

```

```
VALUES('ID014','AQILAH','0153213345','NO.100, JALAN DAPUR, TAMAN TANAH, BATU PAHAT');
```

```
INSERT INTO CUSTOMER
```

```
VALUES('ID015','ABHI','0134567856','NO.99, JALAN BUAH, TAMAN TEMBIKAI, SEGAMAT');
```

```
INSERT INTO CUSTOMER
```

```
VALUES('ID016','NAVVEEN','0134123498','NO.89, JALAN TIN, TAMAN MIRI, KLUANG');
```

```
INSERT INTO CUSTOMER
```

```
VALUES('ID017','SHAN','0134568909','NO.23, JALAN AYAM, TAMAN SEKOLAH, BATU PAHAT');
```

```
INSERT INTO CUSTOMER
```

```
VALUES('ID018','LIEW','0178900764','NO.56, JALAN KAKI, TAMAN EPAL, SHAH ALAM');
```

```
INSERT INTO CUSTOMER
```

```
VALUES('ID019','KUGHAN','0145608765','NO.42, JALAN BULU, TAMAN SELIMUT, JOHOR BAHRU');
```

```
INSERT INTO CUSTOMER
```

```
VALUES('ID020','NAVIN','0145678909','NO.87, JALAN BURUNG, TAMAN MELATI, GOPENG');
```

```
-- Inserting payment data
```

```
INSERT INTO PAYMENT
```

```
VALUES ('P1111','A',SYSDATE,'0','ID001');
```

```
INSERT INTO PAYMENT
```

```
VALUES ('P1112','B',SYSDATE,'1','ID002');
```

```
INSERT INTO PAYMENT
```

```
VALUES ('P1113','B',SYSDATE,'1','ID003');
```

```
INSERT INTO PAYMENT
```

```
VALUES ('P1114','A',SYSDATE,'1','ID004');
```

```
INSERT INTO PAYMENT
```

```
VALUES ('P1115','A',SYSDATE,'1','ID005');
```

```
INSERT INTO PAYMENT
VALUES ('P1116','B',SYSDATE,'1','ID006');
INSERT INTO PAYMENT
VALUES ('P1117','A',SYSDATE,'0','ID007');
INSERT INTO PAYMENT
VALUES ('P1118','B',SYSDATE,'1','ID008');
INSERT INTO PAYMENT
VALUES ('P1119','A',SYSDATE,'1','ID009');
INSERT INTO PAYMENT
VALUES ('P1120','B',SYSDATE,'0','ID010');
INSERT INTO PAYMENT
VALUES ('P1121','B',SYSDATE,'1','ID011');
INSERT INTO PAYMENT
VALUES ('P1122','B',SYSDATE,'1','ID012');
INSERT INTO PAYMENT
VALUES ('P1123','B',SYSDATE,'0','ID013');
INSERT INTO PAYMENT
VALUES ('P1124','A',SYSDATE,'0','ID014');
INSERT INTO PAYMENT
VALUES ('P1125','A',SYSDATE,'1','ID015');
INSERT INTO PAYMENT
VALUES ('P1126','A',SYSDATE,'0','ID016');
INSERT INTO PAYMENT
VALUES ('P1127','B',SYSDATE,'1','ID017');
INSERT INTO PAYMENT
VALUES ('P1128','A',SYSDATE,'0','ID018');
INSERT INTO PAYMENT
VALUES ('P1129','A',SYSDATE,'0','ID019');
INSERT INTO PAYMENT
VALUES ('P1130','B',SYSDATE,'1','ID020');
```

-- Inserting product data

INSERT INTO PRODUCT

VALUES('P01','CV Templates','2 ATS CV Templates with example, 3 Direct Email CV templates-PPT, 3 Direct Email CV templates-Canva',
99);

INSERT INTO PRODUCT

VALUES('P02','CV Writing Basic','1 Full Writing Top-Notch ATS CV, Powerful action verbs on CV, Duration 5-10 days',
159);

INSERT INTO PRODUCT

VALUES('P03','CV Writing Pro','1 Full Writing Top-Notch ATS CV, Full Access Library, Duration 1-4 days',
199);

INSERT INTO PRODUCT

VALUES('P04','Webinar','Cover 4 Modules, Certification of Completion, Full Access Member Area',
250);

INSERT INTO ORDERS

VALUES
(('ORDER01',SYSDATE,TO_TIMESTAMP('12:24:36','HH24:MI:SS'),'S','ID001','P1111');

INSERT INTO ORDERS

VALUES ('ORDER02',SYSDATE,CURRENT_TIMESTAMP,'S','ID002','P1112');

INSERT INTO ORDERS

VALUES
(('ORDER03',SYSDATE,TO_TIMESTAMP('13:45:01','HH24:MI:SS'),'U','ID003','P1113');

INSERT INTO ORDERS

VALUES ('ORDER04',SYSDATE,CURRENT_TIMESTAMP,'S','ID004','P1114');

INSERT INTO ORDERS

VALUES
(('ORDER05',SYSDATE,TO_TIMESTAMP('16:01:10','HH24:MI:SS'),'U','ID005','P1115');

INSERT INTO ORDERS

```

VALUES
('ORDER06',SYSDATE,TO_TIMESTAMP('18:37:50','HH24:MI:SS'),'S','ID006','P1116');
INSERT INTO ORDERS
VALUES
('ORDER07',SYSDATE,TO_TIMESTAMP('12:50:21','HH24:MI:SS'),'S','ID007','P1117');
INSERT INTO ORDERS
VALUES
('ORDER08',SYSDATE,TO_TIMESTAMP('08:05:31','HH24:MI:SS'),'U','ID008','P1118');
INSERT INTO ORDERS
VALUES
('ORDER09',SYSDATE,TO_TIMESTAMP('04:51:59','HH24:MI:SS'),'S','ID009','P1119');
INSERT INTO ORDERS
VALUES
('ORDER10',SYSDATE,TO_TIMESTAMP('10:10:10','HH24:MI:SS'),'S','ID010','P1120');
INSERT INTO ORDERS
VALUES ('ORDER11',SYSDATE,CURRENT_TIMESTAMP,'S','ID011','P1121');
INSERT INTO ORDERS
VALUES
('ORDER12',SYSDATE,TO_TIMESTAMP('13:28:30','HH24:MI:SS'),'S','ID012','P1122');
INSERT INTO ORDERS
VALUES
('ORDER13',SYSDATE,TO_TIMESTAMP('11:42:59','HH24:MI:SS'),'S','ID013','P1123');
INSERT INTO ORDERS
VALUES
('ORDER14',SYSDATE,TO_TIMESTAMP('09:55:35','HH24:MI:SS'),'S','ID014','P1124');
INSERT INTO ORDERS
VALUES
('ORDER15',SYSDATE,TO_TIMESTAMP('12:24:45','HH24:MI:SS'),'S','ID015','P1125');
INSERT INTO ORDERS
VALUES
('ORDER16',SYSDATE,TO_TIMESTAMP('20:22:24','HH24:MI:SS'),'S','ID016','P1126');

```



```

INSERT INTO ORDERS
VALUES
('ORDER17',SYSDATE,TO_TIMESTAMP('23:00:02','HH24:MI:SS'),'S','ID017','P1127');
INSERT INTO ORDERS
VALUES ('ORDER18',SYSDATE,CURRENT_TIMESTAMP,'S','ID018','P1128');
INSERT INTO ORDERS
VALUES
('ORDER19',SYSDATE,TO_TIMESTAMP('23:30:54','HH24:MI:SS'),'S','ID019','P1129');
INSERT INTO ORDERS
VALUES
('ORDER20',SYSDATE,TO_TIMESTAMP('09:42:50','HH24:MI:SS'),'S','ID020','P1130');

-- Inserting staff data
INSERT INTO STAFF
VALUES('S01','12345678','Ali@graduate.utm.my');
INSERT INTO STAFF
VALUES('S02','01234567','Kuga@graduate.utm.my');
INSERT INTO STAFF
VALUES('S03','abu12345','Abu@graduate.utm.my');
INSERT INTO STAFF
VALUES('S04','alif8978','Alif@graduate.utm.my');
INSERT INTO STAFF
VALUES('S05','lee12345','Lee@graduate.utm.my');
INSERT INTO STAFF
VALUES('S06','87654321','David@graduate.utm.my');
INSERT INTO STAFF
VALUES('S07','JD123456','Jack@graduate.utm.my');
INSERT INTO STAFF
VALUES('S08','Leo01234','Leo@graduate.utm.my');
INSERT INTO STAFF
VALUES('S09','yong5431','Yong@graduate.utm.my');

```

```
INSERT INTO STAFF
```

```
VALUES('S10','spidermn','Peter@graduate.utm.my');
```

```
-- Inserting company data
```

```
INSERT INTO COMPANY (CompanyID, CompanyName, CompanyDesc)
```

```
VALUES ('C1', 'Tech Solutions Inc.', 'A leading technology company specializing in software development and IT solutions.');
```

```
INSERT INTO COMPANY (CompanyID, CompanyName, CompanyDesc)
```

```
VALUES ('C2', 'Global Conglomerate Corp.', 'A global conglomerate with diverse business interests in finance, manufacturing, and technology.');
```

```
INSERT INTO COMPANY (CompanyID, CompanyName, CompanyDesc)
```

```
VALUES ('C3', 'International Logistics Ltd.', 'An international logistics company providing comprehensive supply chain solutions.');
```

```
INSERT INTO COMPANY (CompanyID, CompanyName, CompanyDesc)
```

```
VALUES ('C4', 'Health Innovations Co.', 'A healthcare organization committed to advancing medical research and patient care.');
```

```
INSERT INTO COMPANY (CompanyID, CompanyName, CompanyDesc)
```

```
VALUES ('C5', 'Industrial Manufacturing Industries', 'A manufacturing giant known for producing high-quality industrial equipment and machinery.');
```

```
INSERT INTO COMPANY (CompanyID, CompanyName, CompanyDesc)
```

```
VALUES ('C6', 'Diversified Enterprises Group', 'A business conglomerate with interests in real estate, hospitality, and entertainment.');
```

```
INSERT INTO COMPANY (CompanyID, CompanyName, CompanyDesc)
```

```
VALUES ('C7', 'Dynamic Marketing Agency', 'A dynamic marketing agency specializing in digital marketing and brand strategy.');
```

```
INSERT INTO COMPANY (CompanyID, CompanyName, CompanyDesc)
```

```
VALUES ('C8', 'Innovative Solutions Corp.', 'An innovative technology solutions provider offering cutting-edge software and services.');
```

```
INSERT INTO COMPANY (CompanyID, CompanyName, CompanyDesc)
```

```
VALUES ('C9', 'Research and Development Innovations', 'A research and development company focused on creating groundbreaking innovations in various industries.');
```

```

INSERT INTO COMPANY (CompanyID, CompanyName, CompanyDesc)
VALUES ('C10', 'Financial Services Ltd.', 'A financial institution providing a wide range of
banking and financial services.');
```

```

INSERT INTO COMPANY (CompanyID, CompanyName, CompanyDesc)
VALUES ('C11', 'Venture Capital Ventures', 'A venture capital firm investing in promising
startups and emerging technologies.');
```

```

INSERT INTO COMPANY (CompanyID, CompanyName, CompanyDesc)
VALUES ('C12', 'Diversified Business Group', 'A diversified business group with interests in
energy, telecommunications, and construction.');
```

```

INSERT INTO COMPANY (CompanyID, CompanyName, CompanyDesc)
VALUES ('C13', 'Advanced Technologies Ltd.', 'A technology company at the forefront of
developing advanced hardware and software solutions.');
```

```

INSERT INTO COMPANY (CompanyID, CompanyName, CompanyDesc)
VALUES ('C14', 'Consumer Goods Co.', 'A leading consumer goods company producing popular
brands in food and household products.');
```

```

INSERT INTO COMPANY (CompanyID, CompanyName, CompanyDesc)
VALUES ('C15', 'Systems WIntegration Systems', 'A systems integration company specializing
in designing and implementing robust IT infrastructure.');
```

```

INSERT INTO COMPANY (CompanyID, CompanyName, CompanyDesc)
VALUES ('C16', 'Innovation Hub Innovate', 'An innovation hub fostering creativity and
collaboration among entrepreneurs and inventors.');
```

```

INSERT INTO COMPANY (CompanyID, CompanyName, CompanyDesc)
VALUES ('C17', 'Strategic Solutions Consulting', 'A consulting firm offering strategic business
solutions and management consulting services.');
```

```

INSERT INTO COMPANY (CompanyID, CompanyName, CompanyDesc)
VALUES ('C18', 'Diversified Enterprises Enterprises', 'An enterprise with diverse business
ventures, including retail, manufacturing, and services.');
```

```

INSERT INTO COMPANY (CompanyID, CompanyName, CompanyDesc)
VALUES ('C19', 'Industrial Conglomerate Industries', 'An industrial conglomerate with
operations in manufacturing, construction, and engineering.');
```

```

INSERT INTO COMPANY (CompanyID, CompanyName, CompanyDesc)
```

```
VALUES('C20', 'Multinational Group Group', 'A multinational group with a wide range of  
subsidiaries operating in various industries .');
```

```
-- Inserting guest data
```

```
INSERT INTO GUEST  
VALUES ('ID002');
```

```
INSERT INTO GUEST  
VALUES ('ID003');
```

```
INSERT INTO GUEST  
VALUES ('ID004');
```

```
INSERT INTO GUEST  
VALUES ('ID005');
```

```
INSERT INTO GUEST  
VALUES ('ID006');
```

```
INSERT INTO GUEST  
VALUES ('ID007');
```

```
INSERT INTO GUEST  
VALUES ('ID008');
```

```
INSERT INTO GUEST  
VALUES ('ID009');
```

```
INSERT INTO GUEST  
VALUES ('ID010');
```

```
INSERT INTO GUEST  
VALUES ('ID011');
```

```
INSERT INTO GUEST  
VALUES ('ID012');
```

```
-- Inserting registered user data
```

```
INSERT INTO RegisteredUser
```

```
VALUES ('ID001','CV Templates');
```

```
INSERT INTO RegisteredUser
```

```

VALUES ('ID002','CV Writing Basic');
INSERT INTO RegisteredUser
VALUES ('ID013','CV Writing Pro');
INSERT INTO RegisteredUser
VALUES ('ID014','CV Writing Pro');
INSERT INTO RegisteredUser
VALUES ('ID015','CV Template');
INSERT INTO RegisteredUser
VALUES ('ID016','CV Writing Basic');
INSERT INTO RegisteredUser
VALUES ('ID017','CV Template');
INSERT INTO RegisteredUser
VALUES ('ID018','CV Writing Pro');
INSERT INTO RegisteredUser
VALUES ('ID019','Webinar');
INSERT INTO RegisteredUser
VALUES ('ID020','Webinar');

```

-- Inserting talent data

```

INSERT INTO TALENT
VALUES('C1','ID001','Proven ability to lead cross-functional teams, deliver projects on time,
and exceed client expectations with effective communication and organization.');
```

```

INSERT INTO TALENT
VALUES('C2','ID005','Expertise in data-driven marketing strategies, SEO optimization, and
social media management, driving brand visibility and engagement.');
```

```

INSERT INTO TALENT
VALUES('C3','ID003','Proficient in full-stack development, utilizing languages like Python and
JavaScript, to create scalable, efficient, and innovative software solutions.');
```

```

INSERT INTO TALENT
VALUES('C4','ID002','Creative design flair with proficiency in Adobe Creative Suite, translating
concepts into visually appealing graphics and marketing collateral.');
```

INSERT INTO TALENT

VALUES('C5','ID010','Analytical and detail-oriented finance professional adept at conducting financial modeling, risk assessment, and strategic planning for informed decision-making.');

INSERT INTO TALENT

VALUES('C6','ID009','Exceptional interpersonal and problem-solving skills, ensuring customer satisfaction through effective communication and efficient issue resolution.');

INSERT INTO TALENT

VALUES('C7','ID008','Versatile writing skills, producing engaging and SEO-optimized content across various platforms, enhancing brand identity and audience connection.');

INSERT INTO TALENT

VALUES('C8','ID007','Strong analytical skills with expertise in data visualization tools, transforming raw data into actionable insights for informed business decisions.');

INSERT INTO TALENT

VALUES('C9','ID011','User-centric design approach, creating seamless and visually appealing interfaces, enhancing user experience and satisfaction in digital products.');

INSERT INTO TALENT

VALUES('C10','ID013','Results-driven sales leader with a proven track record of exceeding targets, building strong client relationships, and driving revenue growth through strategic initiatives.');

-- Inserting advertisement data

INSERT INTO AD

VALUES('AD1','Nike Air Max. Elevate your run with Nike Air Max, featuring unparalleled comfort and style. Reach new heights in the ultimate running experience.');

INSERT INTO AD

VALUES('AD2','Apple iPhone 15. Unleash the power of innovation with the Apple iPhone 13. Cutting-edge technology meets sleek design for an unparalleled mobile experience.');

INSERT INTO AD

VALUES('AD3','Coca-Cola Zero. Enjoy the same great taste with zero sugar! Refresh yourself with the crisp and satisfying flavor of Coca-Cola Zero. Indulge guilt-free!');

INSERT INTO AD

```
VALUES('AD4','Samsung QLED TV. Immerse yourself in the brilliance of Samsung QLED TV.
Stunning visuals, cinematic colors, and smart features redefine your entertainment experience.');
```

```
INSERT INTO AD
```

```
VALUES('AD5','Starbucks Pumpkin Spice Latte. Fall in love with the season! Starbucks
Pumpkin Spice Latte – a cozy blend of espresso, steamed milk, and pumpkin spice goodness.');
```

```
INSERT INTO AD
```

```
VALUES('AD6','Adidas Ultraboost Sneakers. Step into comfort and style with Adidas Ultraboost
Sneakers. Responsive cushioning and a sleek design for an active lifestyle.');
```

```
INSERT INTO AD
```

```
VALUES('AD7','Tesla Model 3. Drive into the future with the Tesla Model 3. Sustainable,
high-performance electric driving redefined. Experience the thrill of zero-emission travel.');
```

```
INSERT INTO AD
```

```
VALUES('AD8','Dyson V11 Vacuum. Revolutionize your cleaning routine with the Dyson V11
Vacuum. Unrivalled suction power and intelligent technology for a spotless home');
```

```
INSERT INTO AD
```

```
VALUES('AD9','Fitbit Charge 5. Elevate your fitness journey with Fitbit Charge 5. Advanced
health tracking, built-in GPS, and stylish design – your path to wellness.');
```

```
INSERT INTO AD
```

```
VALUES('AD10','Amazon Echo Dot. Meet the compact and powerful Amazon Echo Dot. Your
voice-controlled assistant for smart living. Play music, control devices, and much more!');
```

```
-- Selecting all customer data
```

```
SELECT *
```

```
FROM CUSTOMER
```

```
-- Updating customer phone number
```

```
UPDATE CUSTOMER
```

```
SET PhoneNumber='0167458271'
```

```
WHERE CustomerID ='ID001'
```

```
-- Selecting updated customer data
```

```
SELECT *  
FROM CUSTOMER
```

-- Selecting all order data

```
SELECT *  
FROM ORDERS
```

```
SELECT *  
FROM PAYMENT
```

```
SELECT *  
FROM PRODUCT
```

```
SELECT *  
FROM STAFF
```

```
DELETE FROM STAFF WHERE StaffID='S10'
```

```
SELECT *  
FROM STAFF
```

-- Selecting all payment data with a specific status

```
SELECT *  
FROM PAYMENT  
WHERE PaymentStatus='1'
```

-- Selecting specific customer data

```
SELECT CustomerID, Name , PhoneNumber , Address  
FROM CUSTOMER  
WHERE CustomerID LIKE 'ID004';
```



```
-- Selecting order data based on a list of payment IDs
SELECT OrderID,OrderDate,OrderTime ,OrderStatus,CustomerID,PaymentID
FROM ORDERS
WHERE PaymentID IN
('P1111','P1112','P1113','P1114','P1115','P1116','P1117','P1118','P1119','P1120');
```

CUSTOMERID	NAME	PHONENUMBER	ADDRESS
ID001	SUREN	0189884113	NO.8, JALAN MERANTI, TAMAN CENGAL, JOHOR BAHRU
ID002	ALI	0195667345	NO.9, JALAN DELIMA, TAMAN ANGKASA, JOHOR BAHRU
ID003	ABU	0184567890	NO.4, JALAN BIRU, TAMAN SENTOSA, SHAH ALAM
ID004	LISA	0165432344	NO.10, JALAN MERAH, TAMAN NANGKA, IPOH
ID005	DEPP	0156790089	NO.6, JALAN KUNING, TAMAN KUCING, KLANG
ID006	JOSEPH	0167899999	NO.34, JALAN BANDUNG, TAMAN DURIAN, JOHOR BAHRU
ID007	JONATHAN	0165553212	NO.40, JALAN KATIL, TAMAN DAUN, MIRI
ID008	JACK	0178909345	NO.30, JALAN CERMIN, TAMAN UNGU, PUTRAJAYA
ID009	MAX	0123421999	NO.5, JALAN AWAN, TAMAN TINGGI, SHAH ALAM
ID010	RAJU	0189878654	NO.90, JALAN MERAH, TAMAN HIJAU, JOHOR BAHRU
ID011	CHONG	0167456789	NO.76, JALAN PUTIH, TAMAN LIMAU, KLANG
ID012	LEE	0107896532	NO.69, JALAN LANGSIR, TAMAN KERUSI, MUAR
ID013	AMAR	0176452112	NO.55, JALAN INDAH, TAMAN BUKIT, JOHOR BAHRU
ID014	AQILAH	0153213345	NO.100, JALAN DAPUR, TAMAN TANAH, BATU PAHAT
ID015	ABHI	0134567856	NO.99, JALAN BUAH, TAMAN TEMBIKAI, SEGAMAT
ID016	NAVVEEN	0134123498	NO.89, JALAN TIN, TAMAN MIRI, KLUANG
ID017	SHAN	0134568909	NO.23, JALAN AYAM, TAMAN SEKOLAH, BATU PAHAT
ID018	LIEW	0178900764	NO.56, JALAN KAKI, TAMAN EPAL, SHAH ALAM
ID019	KUGHAN	0145608765	NO.42, JALAN BULU, TAMAN SELIMUT, JOHOR BAHRU
ID020	NAVIN	0145678909	NO.87, JALAN BURUNG, TAMAN MELATI, GOPENG

*SELECT *FROM CUSTOMER*

ORDERID	ORDERDATE	ORDERTIME	ORDERSTATUS	CUSTOMERID	PAYMENTID
ORDER01	07-JAN-24	01-JAN-24 12.24.36.000000 PM	S	ID001	P1111
ORDER02	07-JAN-24	07-JAN-24 07.32.32.394942 AM	S	ID002	P1112
ORDER03	07-JAN-24	01-JAN-24 01.45.01.000000 PM	U	ID003	P1113
ORDER04	07-JAN-24	07-JAN-24 07.32.32.400797 AM	S	ID004	P1114
ORDER05	07-JAN-24	01-JAN-24 04.01.10.000000 PM	U	ID005	P1115
ORDER06	07-JAN-24	01-JAN-24 06.37.50.000000 PM	S	ID006	P1116
ORDER07	07-JAN-24	01-JAN-24 12.50.21.000000 PM	S	ID007	P1117
ORDER08	07-JAN-24	01-JAN-24 08.05.31.000000 AM	U	ID008	P1118
ORDER09	07-JAN-24	01-JAN-24 04.51.59.000000 AM	S	ID009	P1119
ORDER10	07-JAN-24	01-JAN-24 10.10.10.000000 AM	S	ID010	P1120
ORDER11	07-JAN-24	07-JAN-24 07.32.32.421635 AM	S	ID011	P1121
ORDER12	07-JAN-24	01-JAN-24 01.28.30.000000 PM	S	ID012	P1122
ORDER13	07-JAN-24	01-JAN-24 11.42.59.000000 AM	S	ID013	P1123
ORDER14	07-JAN-24	01-JAN-24 09.55.35.000000 AM	S	ID014	P1124
ORDER15	07-JAN-24	01-JAN-24 12.24.45.000000 PM	S	ID015	P1125
ORDER16	07-JAN-24	01-JAN-24 08.22.24.000000 PM	S	ID016	P1126
ORDER17	07-JAN-24	01-JAN-24 11.00.02.000000 PM	S	ID017	P1127
ORDER18	07-JAN-24	07-JAN-24 07.32.32.446016 AM	S	ID018	P1128
ORDER19	07-JAN-24	01-JAN-24 11.30.54.000000 PM	S	ID019	P1129
ORDER20	07-JAN-24	01-JAN-24 09.42.50.000000 AM	S	ID020	P1130

*SELECT *FROM ORDERS*

PAYMENTID	PAYMENTTYPE	PAYMENTDATE	PAYMENTSTATUS	CUSTOMERID
P1111	A	07-JAN-24	0	ID001
P1112	B	07-JAN-24	1	ID002
P1113	B	07-JAN-24	1	ID003
P1114	A	07-JAN-24	1	ID004
P1115	A	07-JAN-24	1	ID005
P1116	B	07-JAN-24	1	ID006
P1117	A	07-JAN-24	0	ID007
P1118	B	07-JAN-24	1	ID008
P1119	A	07-JAN-24	1	ID009
P1120	B	07-JAN-24	0	ID010
P1121	B	07-JAN-24	1	ID011
P1122	B	07-JAN-24	1	ID012
P1123	B	07-JAN-24	0	ID013
P1124	A	07-JAN-24	0	ID014
P1125	A	07-JAN-24	1	ID015
P1126	A	07-JAN-24	0	ID016
P1127	B	07-JAN-24	1	ID017
P1128	A	07-JAN-24	0	ID018
P1129	A	07-JAN-24	0	ID019
P1130	B	07-JAN-24	1	ID020

*SELECT *FROM PAYMENT*

PRODUCTID	PRODUCTNAME	PRODUCTDESC	PRICE
P01	CV Templates	2 ATS CV Templates with example, 3 Direct Email CV templates-PPT, 3 Direct Email CV templates-Canva	99
P02	CV Writing Basic	1 Full Writing Top-Notch ATS CV, Powerful action verbs on CV, Duration 5-10 days	159
P03	CV Writing Pro	1 Full Writing Top-Notch ATS CV, Full Access Library, Duration 1-4 days	199
P04	Webinar	Cover 4 Modules, Certification of Completion, Full Access Member Area	250

*SELECT * FROM PRODUCT*

STAFFID	PASSWORD	EMAIL
S10	spidermn	Peter@graduate.utm.my
S01	12345678	Ali@graduate.utm.my
S02	01234567	Kuga@graduate.utm.my
S03	abu12345	Abu@graduate.utm.my
S04	alif8978	Alif@graduate.utm.my
S05	lee12345	Lee@graduate.utm.my
S06	87654321	David@graduate.utm.my
S07	JD123456	Jack@graduate.utm.my
S08	Leo01234	Leo@graduate.utm.my
S09	yong5431	Yong@graduate.utm.my

*SELECT * FROM STAFF*

PAYMENTID	PAYMENTTYPE	PAYMENTDATE	PAYMENTSTATUS	CUSTOMERID
P1112	B	07-JAN-24	1	ID002
P1113	B	07-JAN-24	1	ID003
P1114	A	07-JAN-24	1	ID004
P1115	A	07-JAN-24	1	ID005
P1116	B	07-JAN-24	1	ID006
P1118	B	07-JAN-24	1	ID008
P1119	A	07-JAN-24	1	ID009
P1121	B	07-JAN-24	1	ID011
P1122	B	07-JAN-24	1	ID012
P1125	A	07-JAN-24	1	ID015
P1127	B	07-JAN-24	1	ID017
P1130	B	07-JAN-24	1	ID020

*SELECT **
FROM PAYMENT
WHERE PaymentStatus='1'

CUSTOMERID	NAME	PHONENUMBER	ADDRESS
ID004	LISA	0165432344	NO.10, JALAN MERAH, TAMAN NANGKA, IPOH

SELECT CustomerID, Name , PhoneNumber , Address
FROM CUSTOMER
WHERE CustomerID LIKE 'ID004';

ORDERID	ORDERDATE	ORDERTIME	ORDERSTATUS	CUSTOMERID	PAYMENTID
ORDER01	07-JAN-24	07-JAN-24 07.17.50.229052 AM	S	ID002	P1112
ORDER01	07-JAN-24	07-JAN-24 07.17.50.237065 AM	S	ID004	P1114
ORDER01	07-JAN-24	01-JAN-24 12.24.36.000000 PM	S	ID001	P1111
ORDER02	07-JAN-24	07-JAN-24 07.28.59.338914 AM	S	ID002	P1112
ORDER03	07-JAN-24	01-JAN-24 01.45.01.000000 PM	U	ID003	P1113
ORDER04	07-JAN-24	07-JAN-24 07.28.59.346317 AM	S	ID004	P1114
ORDER05	07-JAN-24	01-JAN-24 04.01.10.000000 PM	U	ID005	P1115
ORDER06	07-JAN-24	01-JAN-24 06.37.50.000000 PM	S	ID006	P1116
ORDER07	07-JAN-24	01-JAN-24 12.50.21.000000 PM	S	ID007	P1117
ORDER08	07-JAN-24	01-JAN-24 08.05.31.000000 AM	U	ID008	P1118
ORDER09	07-JAN-24	01-JAN-24 04.51.59.000000 AM	S	ID009	P1119
ORDER10	07-JAN-24	01-JAN-24 10.10.10.000000 AM	S	ID010	P1120

```

SELECT OrderID,OrderDate,OrderTime ,OrderStatus,CustomerID,PaymentID
FROM ORDERS
WHERE PaymentID IN
('P1111','P1112','P1113','P1114','P1115','P1116','P1117','P1118','P1119','P1120');

```

CUSTOMERID	NAME	PHONENUMBER	ADDRESS
ID001	SUREN	0167458271	NO.8, JALAN MERANTI, TAMAN CENGAL, JOHOR BAHRU
ID002	ALI	0195667345	NO.9, JALAN DELIMA, TAMAN ANGKASA, JOHOR BAHRU
ID003	ABU	0184567890	NO.4, JALAN BIRU, TAMAN SENTOSA, SHAH ALAM
ID004	LISA	0165432344	NO.10, JALAN MERAH, TAMAN NANGKA, IPOH
ID005	DEPP	0156790089	NO.6, JALAN KUNING, TAMAN KUCING, KLANG
ID006	JOSEPH	0167899999	NO.34, JALAN BANDUNG, TAMAN DURIAN, JOHOR BAHRU
ID007	JONATHAN	0165553212	NO.40, JALAN KATIL, TAMAN DAUN, MIRI
ID008	JACK	0178909345	NO.30, JALAN CERMIN, TAMAN UNGU, PUTRAJAYA
ID009	MAX	0123421999	NO.5, JALAN AWAN, TAMAN TINGGI, SHAH ALAM
ID010	RAJU	0189878654	NO.90, JALAN MERAH, TAMAN HIJAU, JOHOR BAHRU
ID011	CHONG	0167456789	NO.76, JALAN PUTIH, TAMAN LIMAU, KLANG
ID012	LEE	0107896532	NO.69, JALAN LANGSIR, TAMAN KERUSI, MUAR
ID013	AMAR	0176452112	NO.55, JALAN INDAH, TAMAN BUKIT, JOHOR BAHRU
ID014	AQILAH	0153213345	NO.100, JALAN DAPUR, TAMAN TANAH, BATU PAHAT
ID015	ABHI	0134567856	NO.99, JALAN BUAH, TAMAN TEMBIKAI, SEGAMAT
ID016	NAVVEEN	0134123498	NO.89, JALAN TIN, TAMAN MIRI, KLUANG
ID017	SHAN	0134568909	NO.23, JALAN AYAM, TAMAN SEKOLAH, BATU PAHAT
ID018	LIEW	0178900764	NO.56, JALAN KAKI, TAMAN EPAL, SHAH ALAM
ID019	KUGHAN	0145608765	NO.42, JALAN BULU, TAMAN SELIMUT, JOHOR BAHRU
ID020	NAVIN	0145678909	NO.87, JALAN BURUNG, TAMAN MELATI, GOPENG

UPDATE CUSTOMER SET PhoneNumber='0167458271' WHERE CustomerID='ID001';

STAFFID	PASSWORD	EMAIL
S01	12345678	Ali@graduate.utm.my
S02	01234567	Kuga@graduate.utm.my
S03	abu12345	Abu@graduate.utm.my
S04	alif8978	Alif@graduate.utm.my
S05	lee12345	Lee@graduate.utm.my
S06	87654321	David@graduate.utm.my
S07	JD123456	Jack@graduate.utm.my
S08	Leo01234	Leo@graduate.utm.my
S09	yong5431	Yong@graduate.utm.my

DELETE FROM STAFF WHERE StaffID='S10'

7.0 Summary

In this phase, we did the database logical design and the SQL implementation of GetMeHired.io.

In this task, we transformed the conceptual entity relationship diagram (ERD) in phase 3 into logical ERD by determining the functional dependencies between the relationships based on the updated business rules. We generate the relations schemas from the logical ERD produced followed by performing the normalization to reduce the redundancy of the data and make the website easy to access and manipulate the website efficiently without compromising the data integrity which can benefit future work.

In conclusion, we hoped that throughout this phase, we could produce a functional and user-friendly system to help out those who need assistance in creating CVs.