FACULTY OF COMPUTING
UTM Johor Bahru

SESSION 2023/2024 SEMESTER 1

SECD2523 - DATABASE

PROJECT PHASE III

Group Name : Agent P
Course : COMPUTER NETWORKS & SECURITY
Section : 02
Title : Talent System
Task : Database Logical Design & SQL
Lecturer : Dr. Izyan Izzati binti Kamsani

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1.0 Introduction

In the 21st century, writing a good CV is very important for current fresh graduates and job seekers since most companies now use ATV to track CVs. GetMe Technology PLT provides the best solution for this problem.GetMe Technology PLT is a business that has been around since 2019.This company is the creator and also the owner of the website "GetMe Hired.io," which generates and evaluates CVs for its clients based on the package to which the customers have subscribed.However ,it is difficult for the GetMe Technology PLT company to provide the highest quality services to their customers because of the challenges that they face. The lack of a proper system for companies that are employing workers in their company and also for proofreaders who evaluate clients' CVs is one of the primary challenges faced by the GetMe Technology PLT. It makes things more difficult for the clients, as well as for the companies who collaborate with GetMe Technology PLT in some way.Proofreaders also face some difficulties since they will receive the CVs filled by the customers via an email platform which is not efficient. Managing CVs in using an email inbox can become very disorganized, especially when the number of CVs increases. GetMe Technology PLT is currently using WhatsApp manually as their primary communication channel in order to respond to questions from consumers and also to resolve issues that customers have had with the payment process. WhatsApp might be suitable for small-scale customers, but it would become a major problem if it came to managing a large number of customers. Because of this, some of the customers may experience a delay in order to get a response.

Thus to address the problem, we propose a new system for GetMe Technology PLT.In this new system there will be Automated CV Template Forwarding which after the customer makes the payment, a system will automatically send the CV templates chosen by the customer to their email that they have filled earlier.Secondly, there will be a platform for the admins to share information on a regular basis.Thus, admins will be able to communicate between themselves and have an effective information sharing platform. This will help both the customers and the sales support team as any sales support can help any customer at any given time rather than only one sales support knowing the problem of the specific customer.Furthermore,There also will be a platform for communication between the admins and users.With a platform specifically made for this communication, the customer may put more attention to the notification of the platform and prioritize the messages sent.In the new system, there will be a library system for the companies in collaboration with to headhunt their preferred candidate.This library system will provide the company's recruiter with the customer's resume and the skills they have. This will make it easier for the company to find the person most suitable to them. Customer data will always be available in the library so even if they have landed a job, the recruiter can anytime message the customer and they can discuss it between themselves.Finally,there will be all consultants to consult users if they have a problem with their CV.When customer send out their filled up CV template and the proofreader finds some problems in their CV , customers can receive a consultation to solve the problem and generate a full CV.Hence will all the new features , the system can work much better than the current system and satisfy the customer more.

3.0 Data & Transaction requirement

3.1 Proposed business rules

1) Each customer has zero or more CV
2) Each company can view at least one CV
3) Each CV can be viewed by one or many companies
4) Each company hire at least one customers
5) Each customer will be hired by only one company
6) Each consultant consult at least one customer
7) Each customer consulted by only one consultant
8) Each customer can ask zero or more questions
9) Question can be asked by one or many customers
10) Each admin answer at least one question
11) Each questions answered by at least one admin
12) One admin will assign one or many proofreader
13) Each proofreader will assigned by only one admin
14) Each proofreader generate one or more CV
15) CV generated by only one proofreader

3.2 Proposed data & transactional

Data requirement

1) **Customer**

   Customers will select and purchase a package to get a CV template. The information of users such as name, contact number, ID, email are stored as data. Each customer has their own username and password.

2) **CV**

   Each CV has its own ID, the customer’s ID , and the proofreader's ID. Then, the description of the CV and the skills that customers have.

3) **Company**

   These companies have their name, ID, contact number, email, address. Each company has their username and password. Then, the jobs that are provided by the company.

4) **Consultant**

   The consultant has their ID and password to login to the system. Each consultant has a name, email, and address. The qualification and availability will be given by the consultant to the customer to know more about them.

5) **Q&A**

Questions and answers will be asked by the customer and answered by the admin which contains questions' ID and answers' ID and their description respectively.

6) **Admin**

Each admin has their name, contact number, email, address, position. They have their ID and password to login to the system.

7) **Proofreader**

Each proofreader has a name, contact number, email, address, availability time to give to the customer. They have an ID and password to login as usual. Proofreaders have the CV ID that they generate to customers.

Transaction Requirement

Data Entry

- Enter the details of the customers
- Select the package for the CV
- Enter the details of the company
- Enter the details of the consultant
- Enter the details of the Admin
- Enter the details of the proofreader
- Enter the question lists
- Enter the answers for the questions
- Enter the details for the CV

Data Update / Deletion

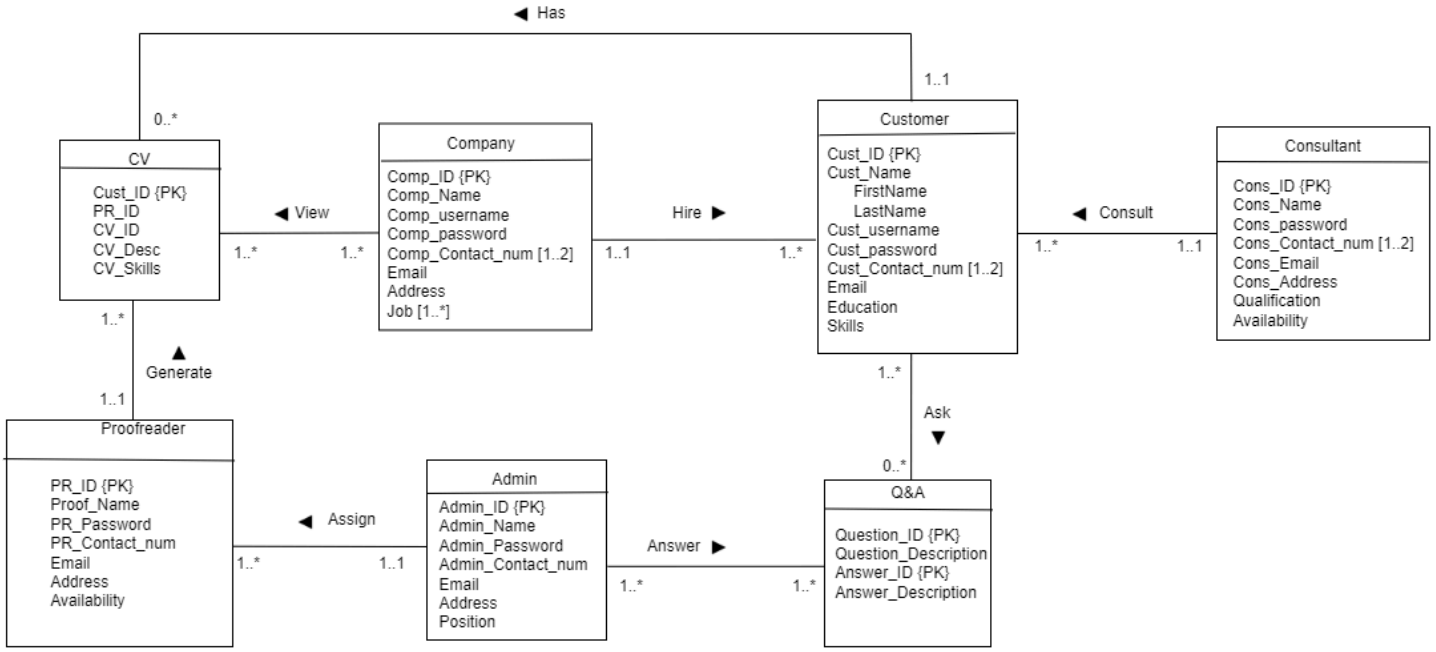
- Update / deletion the details of the customers
- Update / deletion the details of the company
- Update / deletion the details of the consultant
- Update / deletion the details of the admin
- Update / deletion the details of the proofreader
- Update / deletion of the question and answers
- Update / deletion of the question and CV

Data Query

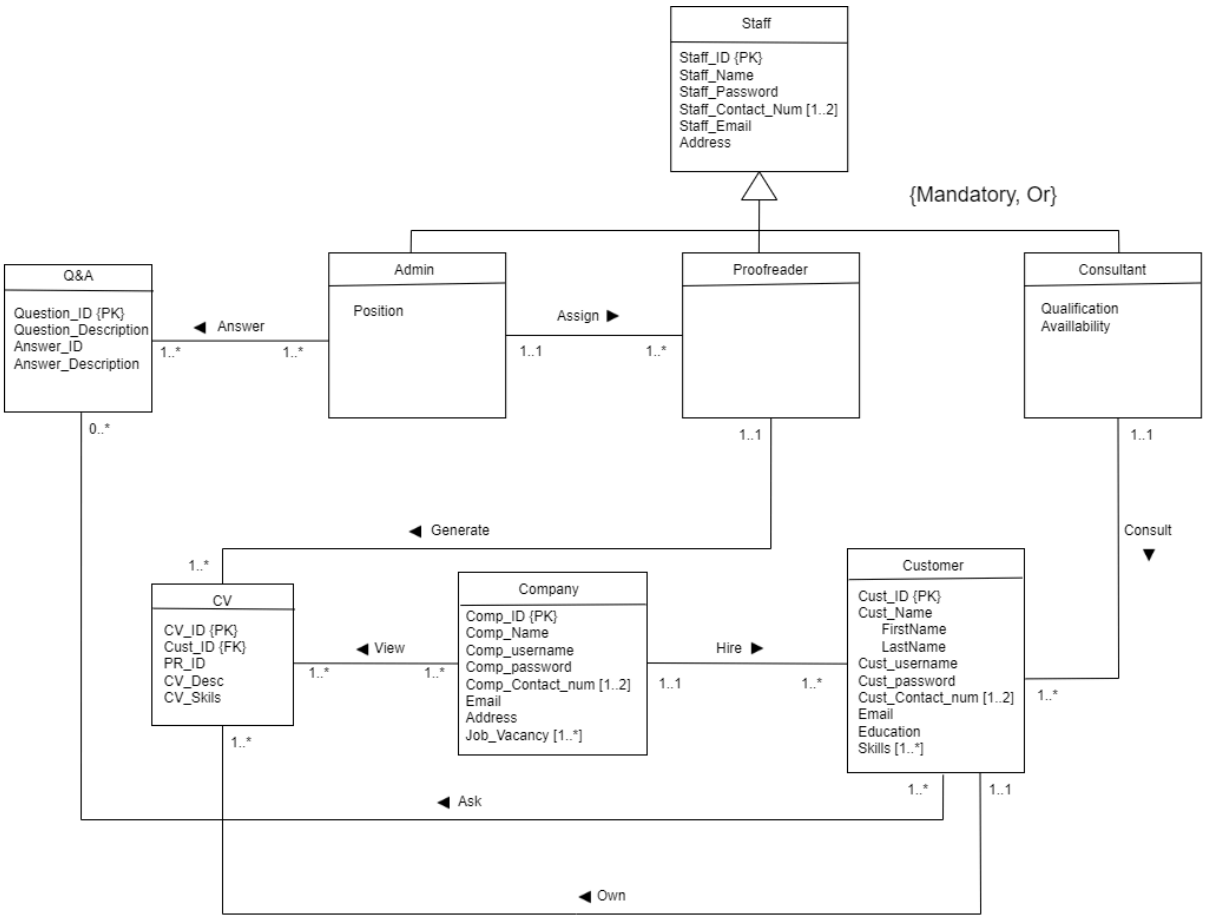
- List the packages of the CV for customers
- List the questions asked by customers
- List the answers replied by admin

4.0 Database Conceptual Design

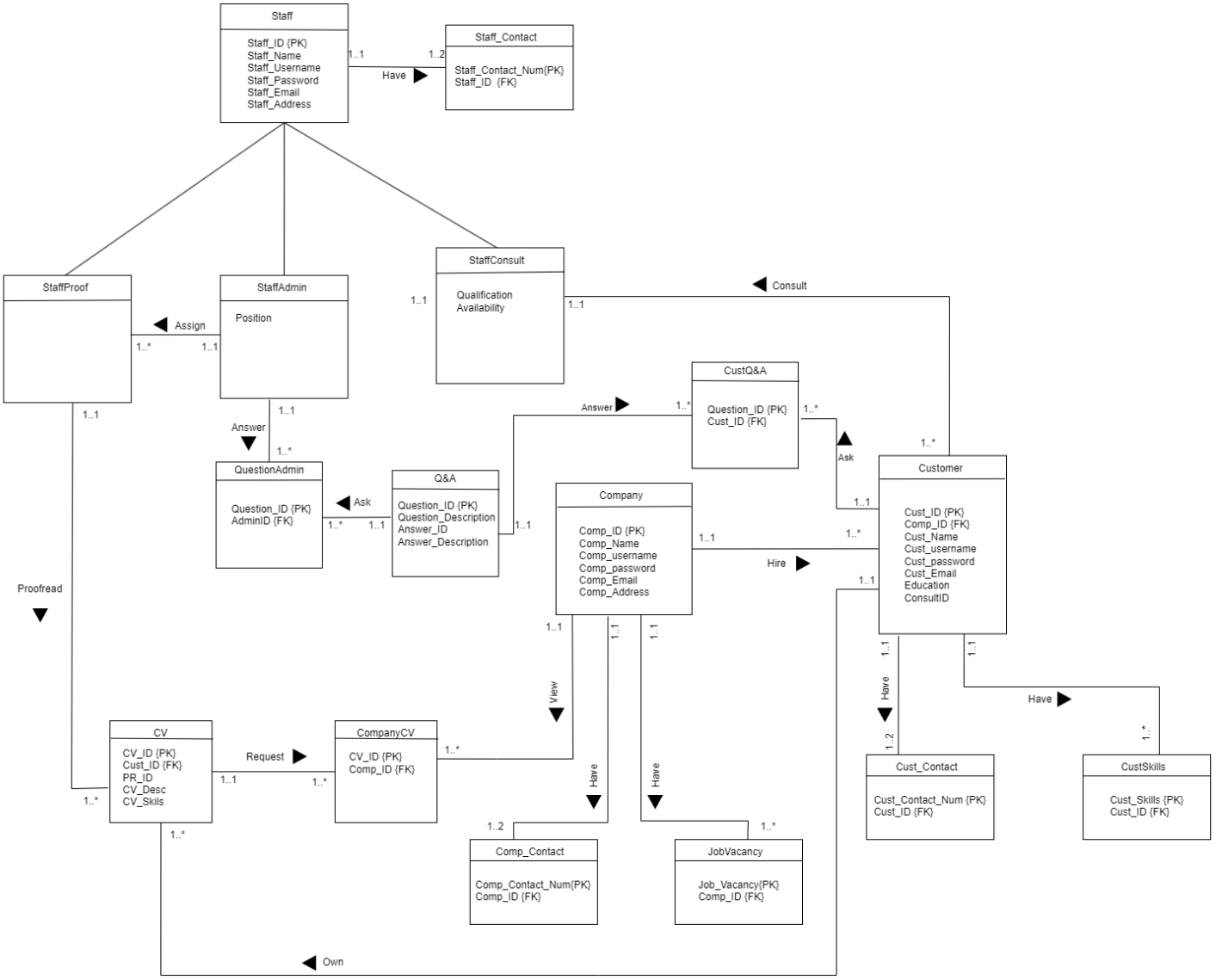
4.1 Conceptual ERD



4.2 Enhanced ERD



4.3 Logical EERD



5.0 Data dictionary

Entity Name	Attributes	Description	Data type & Length	Nullity
CUser	Cust_username {PK} Cust_password	Username of customer for authentication Password of customer	varchar2(50) varchar2(50)	No No
CEmail	Cust_Email {PK} Cust_Username	Email of the customer Username of customer for authentication	varchar2(50) varchar2(50)	No No
CID	Cust_ID {PK} Cust_Name Cust_Email Education Comp_ID ConsultID	Unique ID for customer Name of the customer Email of the customer Highest education level of the customer Unique ID for company Unique ID for consultant	varchar2(5) varchar2(50) varchar2(50) varchar2(50) varchar2(5) varchar2(50	No No No No No No
Customer	Cust_ID {PK} Cust_Email {PK}	Username of customer for authentication Email of the customer	varchar2(5) varchar2(50)	No No
CoUser	Comp_username {PK} Comp_password	Username of company for authentication Password of company	varchar2(50) varchar2(50)	No No
CoID	Comp_ID {PK} Comp_Name Comp_Email Address	Unique ID for company Name of the company Email of the company Address of the company	varchar2(5) varchar2(50) varchar2(50) varchar2(50)	No No No No
CoEmail	Comp_Email {PK} Comp_username	Email of the company Username of company for authentication	varchar2(50) varchar2(50)	No No
Company	Comp_ID {PK} Comp_Email {PK}	Unique ID for company Email of the company	varchar2(5) varchar2(50)	No No
CV	CV_ID {PK} Cust_ID PR_ID CV_Desc	Unique ID of the CV's proofreader Unique ID of the CV Description of the CV Skills of the customer	varchar2(20) varchar2(20) varchar2(5) varchar2(150)	No No No No
ConsultantUser	Consult_username {PK}	Username of consultant for authentication	varchar2(50)	No

	Consult_Password	Password of consultant	varchar2(5)	No
ConsultantID	Consult_ID {PK} Consult_Name Address Qualification Availability	Unique ID for consultant Name of the consultant Address of the consultant Qualification held by the consultant Available time slot	varchar2(5) varchar2(50) varchar2(50) varchar2(50) Date	No No No No No
ConsultantEmail	Consult_Email {PK} Consult_username	Email of the consultant Username of consultant for authentication	varchar2(50) varchar2(50)	No No
StaffConsult	Consult_ID {PK} Consult_Email {PK}	Email of the consultant Username of consultant for authentication	varchar2(20) varchar2(50)	No No
AdminUser	Staff_Username {PK} Staff_Password	Username of staff for authentication Password of staff	varchar2(50) varchar2(5)	No No
AdminID	Staff_ID {PK} Staff_Name Staff_Address Position	Unique ID for staff Name of the staff Address of the staff Position held by staff	varchar2(5) varchar2(50) varchar2(50) varchar2(50)	No No No No
AdminEmail	Staff_Email {PK} Staff_Username	Email of the staff Username of staff for authentication	varchar2(50) varchar2(50)	No No
StaffAdmin	Staff_ID {PK} Staff_Email {PK}	Unique ID for staff Email of the staff	varchar2(5) varchar2(50)	No No
ProofUser	Staff_Username {PK} Staff_Password	Username of staff for authentication Password of staff	varchar2(50) varchar2(5	No No
ProofID	Staff_ID {PK} Staff_Name Staff_Address Position	Unique ID for staff Name of the staff Address of the staff Position held by staff	varchar2(5) varchar2(50) varchar2(50) varchar2(50)	No No No No
ProofEmail	Staff_Email {PK} Staff_Username	Email of the staff Username of staff for authentication	varchar2(50) varchar2(50)	No No
StaffProof	Staff_ID {PK}	Unique ID for staff	varchar2(5)	No

	Staff_Email {PK}	Email of the staff	varchar2(50)	No
Question	Question_ID {PK} Question_Description	Unique ID for question Description for question	varchar2(5) varchar2(100)	No No
Answer	Answer_ID {PK} Answer_Description	Unique ID for answer Description for answer	varchar2(5) varchar2(100)	No No
Q&A	Question_ID {PK} Answer_ID {PK}	Unique ID for question Unique ID for answer	varchar2(5) varchar2(5)	No No
CustQ&A	Question_ID {PK} Cust_ID Answer_ID	Unique ID of question Unique ID for customer Unique ID for answer	varchar2(5) varchar2(5) varchar2(5)	No No
AdminQ&A	Question_ID {PK} Admin_ID Answer_ID	Unique ID of question Unique ID for admin Unique ID for answer	varchar2(5) varchar2(5) varchar2(5)	No No No
JobVacancy	Job_Vacancy {PK} Comp_ID	Jobs offered by the company Unique ID for company	varchar2(50) varchar2(5)	No No
CustSkills	Cust_Skills {PK} Cust_ID	Skills of the customers have Unique ID for authentication	varchar2(50) varchar2(5)	No No
Comp_Contact	Comp_Contact_Num Comp_ID	Phone number of company Unique ID for company	varchar2(50) varchar2(5)	No No
Cust_Contact	Cust_Contact_Num Cust_ID	Phone number of customer Unique ID for customer	varchar2(50) varchar2(5)	No No
Staff_Contact	Staff_Contact_Num Staff_ID	Phone number of customer Unique ID for customer		

6.0 Normalization

6.1 Relation Schemas

1. **Customer**
   (Cust_ID,Cust_Name,Cust_username,Cust_password,Cust_Email,Education, Comp_ID,ConsultID)

PK : Cust_ID
FK : Comp_ID reference Company(Comp_ID)
ConsultID reference StaffConsult(ConsultID)

2. **Company**(Comp_ID,Comp_Name,Comp_username,Comp_password, Comp_Email ,Address)
   PK : Comp_ID

3. **CV**(CV_ID ,Cust_ID,PR_ID,CV_Desc)
   PK : CV_ID

4. **StaffConsult**(Staff_ID,Staff_Name,Staff_username,Staff_Password,Staff_Email,Address,Qualification,Availability)
   PK : Staff_ID , Staff_Email

5. **StaffAdmin**(Staff_ID,Staff_Name,Staff_Password,Staff_Email,Staff_Address,Position)
   PK : Staff_ID

6. **StaffProof**(Staff_ID,Staff_Name,Staff_Password,Staff_Email,Staff_Address)
   PK : Staff_ID

7. **CompanyCV**(CV_ID ,Comp_ID)
   PK : CV_ID , Comp_ID
   FK : CV_ID reference CV(CV_ID)
   FK : Comp_ID reference Company(Comp_ID)

8. **Q&A**(Question_ID,Question_Description,Answer_ID,Answer_Description)
   PK : Question_ID

9. **QuestionAdmin**(Question_ID ,Staff_ID)
   PK : Question_ID,Staff_ID
   FK : Staff_ID reference StaffAdmin(Staff_ID)
   FK : Question_ID reference Q&A(Question_ID)

10. **CustQ&A**(Question_ID ,Cust_ID)
    PK : Question_ID,Cust_ID
    FK : Cust_ID reference Customer(Cust_ID)
    FK : Question_ID reference Q&A(Question_ID)

11. **Staff_Contact**(Staff_Contact_Num,Staff_ID)
    PK : Staff_Contact_Num

FK : Staff_ID reference
StaffConsult(Staff_ID),StaffAdmin(Staff_ID),StaffProof(Staff_ID)

12. **JobVacancy**(Job_Vacancy,Comp_ID)
    PK : Job_Vacancy
    FK : Comp_ID reference Company(Comp_ID)

13. **CustSkills**(Cust_Skills,Cust_ID)
    PK : Cust_Skills
    FK : Cust_ID reference Company(Cust_ID)

14. **Comp_Contact**(Comp_Contact_Num, Comp_ID)
    PK: Comp_Contact_Num
    FK: Comp_ID reference Company(Comp_ID)

15. **Cust_Contact**(Cust_Contact_Num, Cust_ID)
    PK: Cust_Contact_Num
    FK: Cust_ID reference Customer(Cust_ID)

6.2 Normalization

1)Customer relation

1st NF
Customer (Cust_ID,Cust_Name,Cust_username,Cust_password,Cust_Email,Education,
Comp_ID,ConsultID)
PK : Cust_ID,Cust_Email
FK : Comp_ID reference Company(Comp_ID)
ConsultID reference StaffConsult(ConsultID)

2nd NF
CEmail(Cust_Email,Cust_username,Cust_password)
PK : Cust_Email

CID(Cust_ID,Cust_Name,Cust_Email,Education,Comp_ID,ConsultID)
PK : Cust_ID
FK : Cust_Email reference CEmail(Cust_Email)
Comp_ID reference Company(Comp_ID)
ConsultID reference StaffConsult(ConsultID)

Customer (Cust_ID,Cust_Email)
PK : Cust_ID,Cust_Email
FK : Cust_ID references ID(Cust_ID)

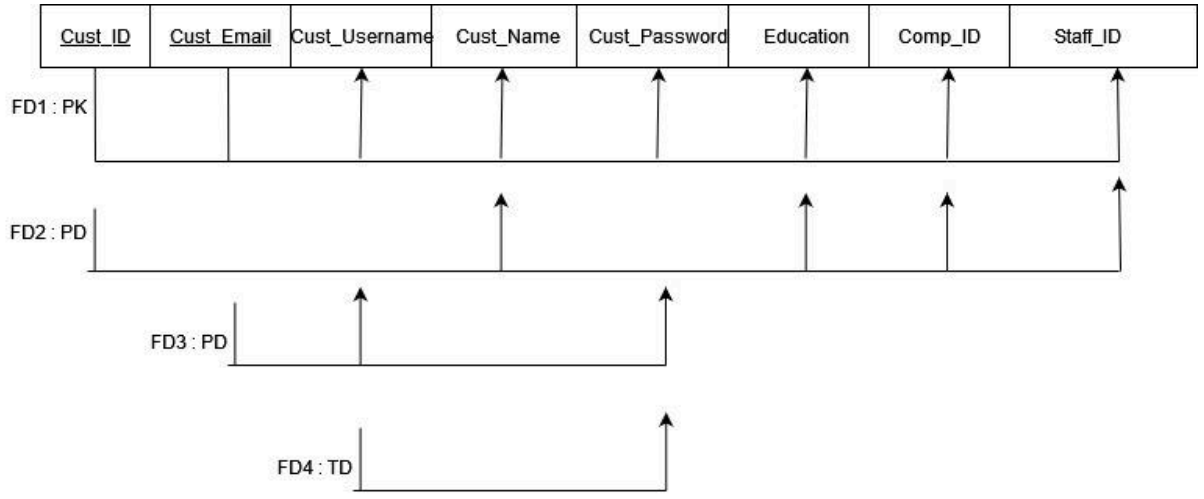
Cust_Email references Email(Cust_Email)

3rd NF
CUser(Cust_username,Cust_password)
PK: Cust_username

CEmail(Cust_Email,Cust_Username)
PK : Cust_Email
FK : Cust_username references CUser(Cust_username).

CID(Cust_ID,Cust_Name,Cust_Email,Education,Comp_ID,ConsultID)
PK : Cust_ID
FK : Cust_Email references CEmail(Cust_Email).
Comp_ID reference Company(Comp_ID)
ConsultID reference StaffConsult(ConsultID)

Customer (Cust_ID,Cust_Email)
PK : Cust_ID,Cust_Email
FK : Cust_ID references ID(Cust_ID)
Cust_Email references Email(Cust_Email)



2)Company relation

1st NF
Company(Comp_ID,Comp_Name,Comp_username,Comp_password,Comp_Email,Address)
PK: Comp_ID, Comp_Email

2nd NF

CoID(Comp_ID,Comp_Name,Comp_Email,Address)
PK: Comp_ID
FK: Comp_Email reference CoEmail(Comp_Email)

CoEmail(Comp_Email,Comp_username,Comp_password)
PK: Comp_Email

Company(Comp_ID,Comp_Email)
PK: Comp_ID, Comp_Email
FK: Comp_ID references CoID(Comp_ID)
Comp_Email references CoEmail(Comp_Email)

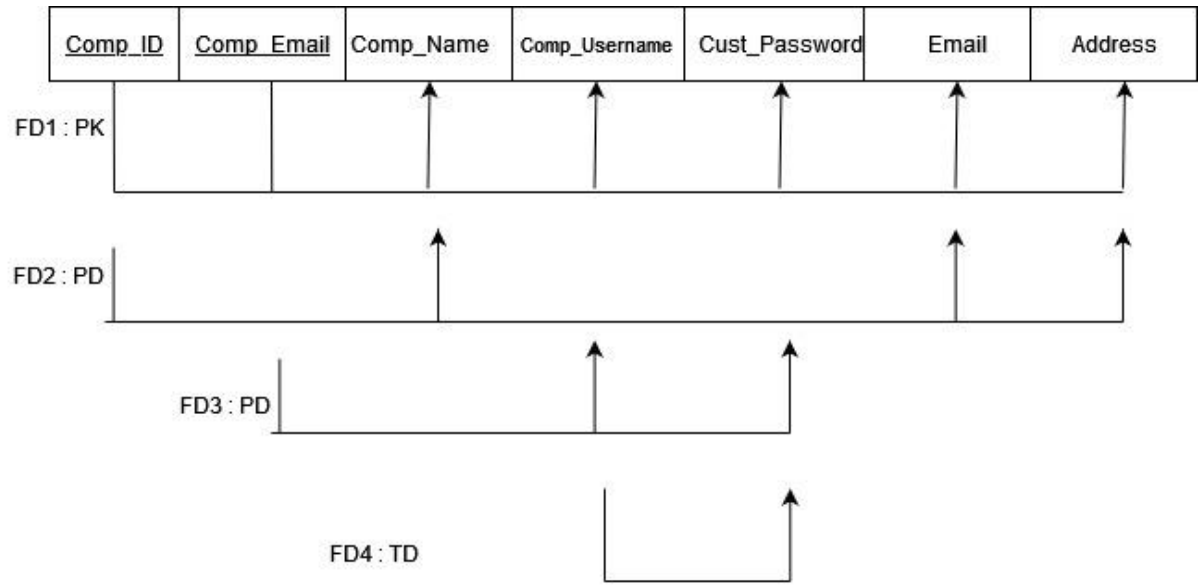
3rd NF

CoUser(Comp_username,Comp_password)
PK: Comp_username

CoID(Comp_ID,Comp_Name,Comp_Email,Address)
PK: Comp_ID

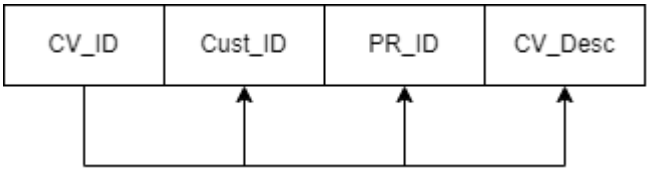
CoEmail(Comp_Email,Comp_username)
PK: Comp_Email
FK: Comp_username references CoUser(Comp_username)

Company(Comp_ID,Comp_Email)
PK: Comp_ID, Comp_Email)
FK: Comp_ID references CoID(Comp_ID)
Comp_Email references CoEmail(Comp_Email)



3)CV relation

1st NF
CV(CV_ID , Cust_ID , PR_ID , CV_Desc)
PK: CV_ID



4)StaffConsult relation

1st NF

StaffConsult(Consult_ID , Consult_Name , Consult_username , Consult_Password , Consult_Email , Address , Qualification , Availability)
PK:Consult_ID , Consult_Email

2nd NF

ConsultantID(Consult_ID , Consult_Name , Address , Qualification , Availability)
PK:Consult_ID

ConsultantEmail(Consult_Email , Consult_username , Consult_Password)
PK:Consult_Email

StaffConsult(Consult_ID , Consult_Email)
PK:Consult_ID , Consult_Email)
FK:Consult_ID reference ConsultantID(Consult_ID)
FK:Consult_Email reference ConsultantEmail(Consult_Email)

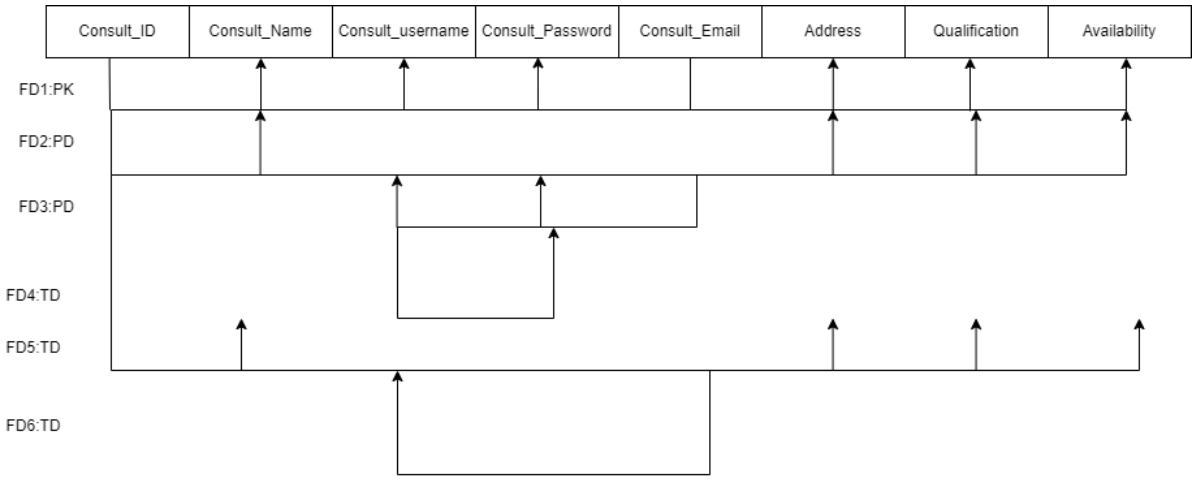
3rd NF

ConsultantUser(Consult_username , Consult_Password)
PK:Consult_username

ConsultantID(Consult_ID , Consult_Name , Address , Qualification , Availability)
PK:Consult_ID

ConsultantEmail(Consult_Email , Consult_username)
PK:Consult_Email
FK:Consult_username reference ConsultantUser(Consult_username)

StaffConsult(Consult_ID , Consult_Email)
PK:Consult_ID , Consult_Email)
FK:Consult_ID reference ConsultantID(Consult_ID)
FK:Consult_Email reference ConsultantEmail(Consult_Email)



5) **StaffAdmin relation**

1NF
StaffAdmin(Staff_ID,Staff_Email,Staff_Username,Staff_Name,Staff_Password,Staff_Address,
Position)
PK : Staff_ID,Staff_Email

2NF
AdminID(Staff_ID,Staff_Name,Staff_Address,Position)
PK: Staff_ID
FK: Staff_Email reference AdminEmail(Staff_Email)

AdminEmail(Staff_Email,Staff_Username,Staff_Password,)
PK: Staff_Email

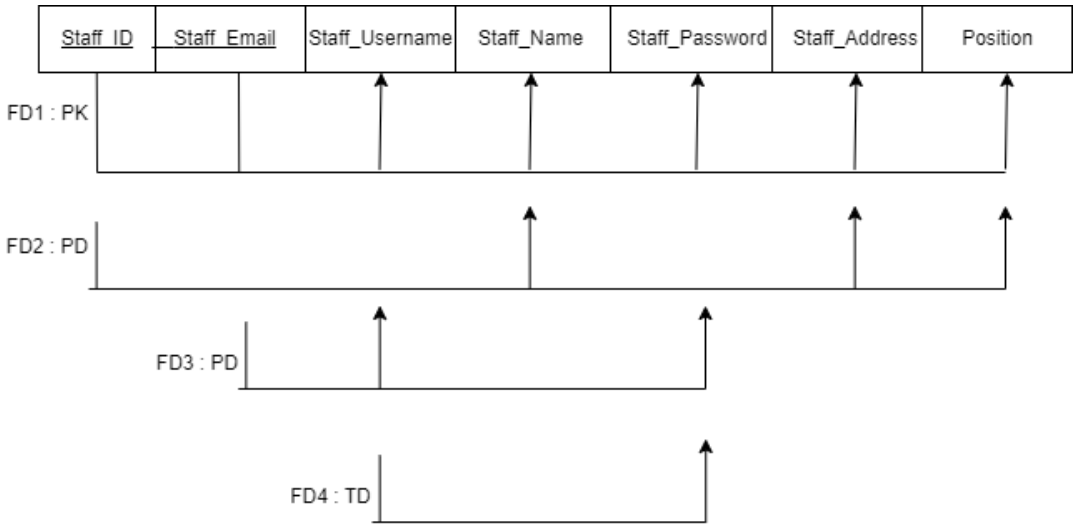
StaffAdmin(Staff_ID,Staff_Email)
PK: Staff_ID,Staff_Email
FK: Staff_ID reference AdminID (Staff_ID)
FK: Staff_Email references AdminEmail (Staff_Email)

3NF
AdminUser(Staff_Username, Staff_Password)
PK: Staff_Username

AdminID(Staff_ID,Staff_Name,Staff_Address,Position)
PK: Staff_ID

AdminEmail (Staff_Email , Staff_Username)
PK:Staff_Email
FK:Staff_Username reference AdminUser(Staff_Username)

StaffAdmin(Staff_ID , Staff_Email)
PK:Staff_ID , Staff_Email
FK:Staff_ID reference AdminID(Staff_ID)
FK:Staff_Email reference AdminEmail(Staff_Email)



6) **StaffProof relation**

1NF
StaffProof
(Staff_ID,Staff_Email,Staff_Username,Staff_Name,Staff_Password,Staff_Address, Position)
PK : Staff_ID,Staff_Email

2NF
ProofID(Staff_ID,Staff_Name,Staff_Address,Position)
PK: Staff_ID
FK: Staff_Email reference ProofEmail(Staff_Email)

ProofEmail(Staff_Email,Staff_Username,Staff_Password,)
PK: Staff_Email

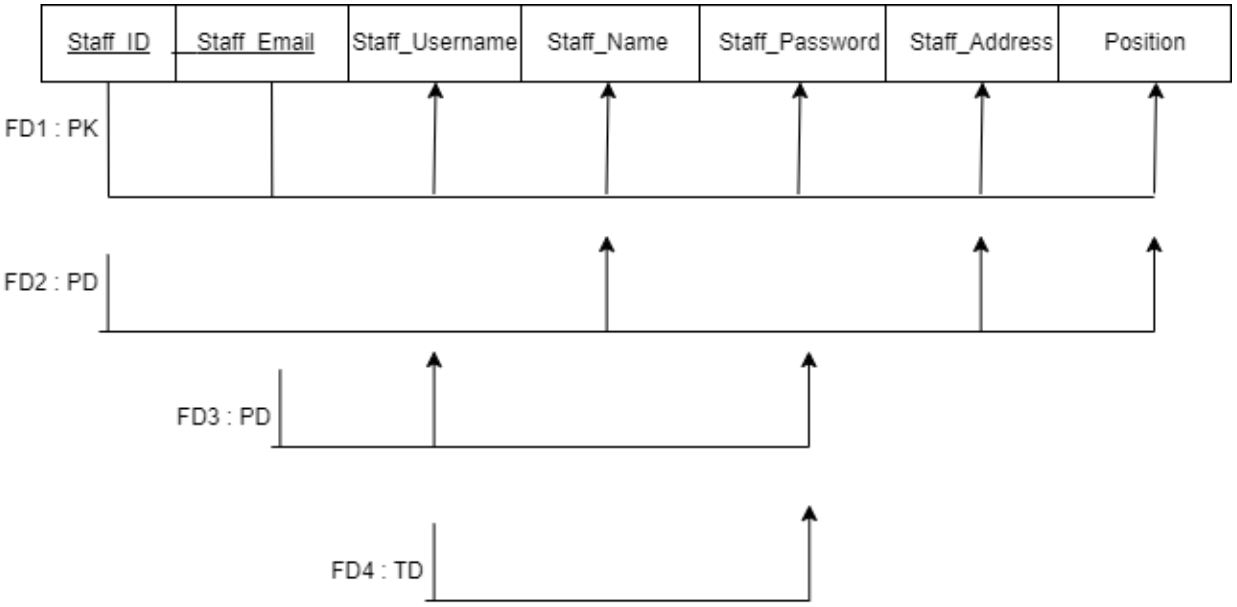
StaffProof(Staff_ID,Staff_Email)
PK: Staff_ID,Staff_Email
FK: Staff_ID reference ProofID (Staff_ID)
FK: Staff_Email references ProofEmail (Staff_Email)

3NF
ProofUser(Staff_Username, Staff_Password)
PK: Staff_Username

ProofID(Staff_ID,Staff_Name,Staff_Address,Position)
PK: Staff_ID
FK: Staff_Email reference ProofEmail(Staff_Email)

ProofEmail (Staff_Email , Staff_Username)
PK:Staff_Email
FK:Staff_Username reference ProofUser(Staff_Username)

StaffProof(Staff_ID , Staff_Email)
PK:Staff_ID , Staff_Email
FK:Staff_ID reference ProffID(Staff_ID)
FK:Staff_Email reference ProofEmail(Staff_Email)



7) CompanyCV

1NF
CompanyCV(CV_ID ,Comp_ID)
PK : Staff_ID
FK : Comp_ID reference Company(Comp_ID)

8) Q&A

1 NF

Q&A(Question_ID ,Question_Description , Answer_ID , Answer_Description)
Primary Key : Question_ID , Answer_ID

2 NF

Question(Question_ID ,Question_Description)

Primary Key : Question_ID

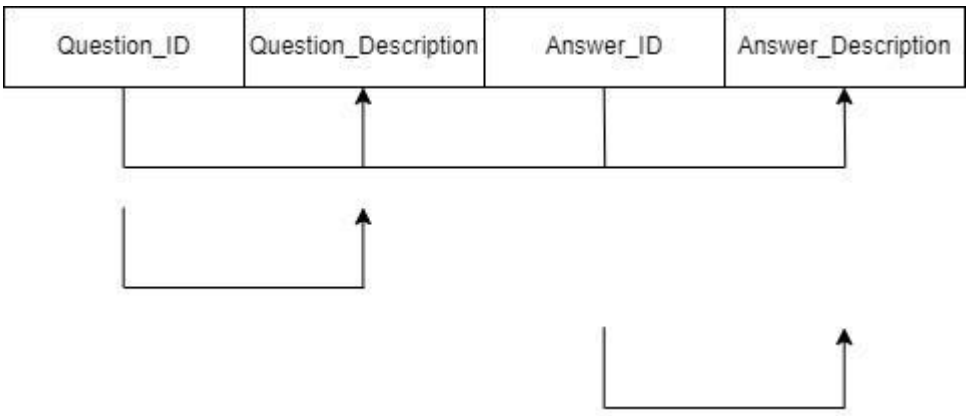
Answer(Answer_ID , Answer_Description)

Primary Key : Answer_ID

Q&A(Question_ID , Answer_ID)

Primary Key : Question_ID , Answer_ID

Foreign Key : Question_ID reference Question(Question_ID)
: Answer_ID reference Answer(Answer_ID)



9) **QuestionAdmin**

1NF

QuestionAdmin(Question_ID ,Staff_ID)
PK : Question_ID
FK : Staff_ID reference Admin(Staff_ID)

10)**CustQ&A**

1NF

CustQ&A(Question_ID ,Cust_ID)
PK : Question_ID
FK : Cust_ID reference Customer(Cust_ID)

11) **Staff_Contact**

1NF

Staff_Contact(Staff_Contact_Num,Staff_ID)
PK : Staff_Contact_Num
FK : Staff_ID reference
StaffConsult(Staff_ID),StaffAdmin(Staff_ID),StaffProof(Staff_ID)

12)**JobVacancy**
1NF
JobVacancy(Job_Vacancy,Comp_ID)
PK : Job_Vacancy
FK : Comp_ID reference Company(Comp_ID)

13)CustSkills
1NF
CustSkills(Cust_Skills,Cust_ID)
PK : Cust_Skills
FK : Cust_ID reference Company(Cust_ID)

14)Comp_Contact
1NF
Comp_Contact(Comp_Contact_Num, Comp_ID)
PK: Comp_Contact_Num
FK: Comp_ID reference Company(Comp_ID)

15)Cust_Contact
1NF
Cust_Contact(Cust_Contact_Num, Cust_ID)
PK: Cust_Contact_Num
FK: Cust_ID reference Customer(Cust_ID)

7.0 SQL Commands

COMPANY

create table CoUser(

Comp_username varchar2(50),

```
Comp_password varchar2 (50),
CONSTRAINT comp_username_pk PRIMARY KEY (Comp_username)
);

INSERT INTO CoUser VALUES ('Tech Innovators Inc', 'pass123');
INSERT INTO CoUser VALUES ('Data Masters Ltd', 'secureTech456');
INSERT INTO CoUser VALUES ('Cloud Tech Solutions', 'alphaPass789');
INSERT INTO CoUser VALUES ('Innova Systems LLC', 'gtco2022');
INSERT INTO CoUser VALUES ('Rapid Systems Co', 'webPass123');
INSERT INTO CoUser VALUES ('Quantum Tech Inc', 'powerPass!');
INSERT INTO CoUser VALUES ('Dynamic Corp', 'innovaPass567');
INSERT INTO CoUser VALUES ('Agile Tech Solutions', 'cloudPass123');
INSERT INTO CoUser VALUES ('Code Crafters Ltd', 'rapidPass456');
INSERT INTO CoUser VALUES ('Smart Tech Industries', 'quantumPass789');
INSERT INTO CoUser VALUES ('Info Tech Solutions', 'dynamic123');
INSERT INTO CoUser VALUES ('Tech Genius Corp', 'techInnovate!');
INSERT INTO CoUser VALUES ('Power Tech Innovations', 'futurePass2023');
INSERT INTO CoUser VALUES ('Global Innovators Inc', 'dataPass456');
INSERT INTO CoUser VALUES ('Web Masters Solutions', 'cyberPass789');
INSERT INTO CoUser VALUES ('Alpha Tech Industries', 'agilePass123');
INSERT INTO CoUser VALUES ('Cyber Tech Systems', 'codePass456');
INSERT INTO CoUser VALUES ('Innovate Solutions Ltd', 'smartPass789');
INSERT INTO CoUser VALUES ('Dynamic Innovations Co', 'infoTech123');
INSERT INTO CoUser VALUES ('Quantum Innovate Inc', 'techGenius456');
```

	COMP_USERNAME	COMP_PASSWORD
1	Tech Innovators Inc	pass123
2	Data Masters Ltd	secureTech456
3	Cloud Tech Solutions	alphaPass789
4	Innova Systems LLC	gtco2022
5	Rapid Systems Co	webPass123
6	Quantum Tech Inc	powerPass!
7	Dynamic Corp	innovaPass567
8	Agile Tech Solutions	cloudPass123
9	Code Crafters Ltd	rapidPass456
10	Smart Tech Industries	quantumPass789
11	Info Tech Solutions	dynamic123
12	Tech Genius Corp	techInnovate!
13	Power Tech Innovations	futurePass2023
14	Global Innovators Inc	dataPass456
15	Web Masters Solutions	cyberPass789
16	Alpha Tech Industries	agilePass123
17	Cyber Tech Systems	codePass456
18	Innovate Solutions Ltd	smartPass789
19	Dynamic Innovations Co	infoTech123
20	Quantum Innovate Inc	techGenius456

CoEmail

create table CoEmail(

Comp_Email varchar2(50),

Comp_username varchar2(50),

CONSTRAINT Comp_Email_pk PRIMARY KEY(Comp_Email),

CONSTRAINT Comp_Email_fk FOREIGN KEY (Comp_username) REFERENCES CoUser(Comp_username)

);

INSERT INTO CoEmail VALUES ('techinnovators@example.com', 'Tech Innovators Inc');

INSERT INTO CoEmail VALUES ('datamasters@example.com', 'Data Masters Ltd');

INSERT INTO CoEmail VALUES ('cloudtech@example.com', 'Cloud Tech Solutions');

INSERT INTO CoEmail VALUES ('innova@example.com', 'Innova Systems LLC');

INSERT INTO CoEmail VALUES ('rapidsystems@example.com', 'Rapid Systems Co');

INSERT INTO CoEmail VALUES ('quantumtech@example.com', 'Quantum Tech Inc');

INSERT INTO CoEmail VALUES ('dynamiccorp@example.com', 'Dynamic Corp');

INSERT INTO CoEmail VALUES ('agiletech@example.com', 'Agile Tech Solutions');

INSERT INTO CoEmail VALUES ('codecrafters@example.com', 'Code Crafters Ltd');

INSERT INTO CoEmail VALUES ('smarttech@example.com', 'Smart Tech Industries');

INSERT INTO CoEmail VALUES ('infotech@example.com', 'Info Tech Solutions');

INSERT INTO CoEmail VALUES ('techgenius@example.com', 'Tech Genius Corp');

INSERT INTO CoEmail VALUES ('powertech@example.com', 'Power Tech Innovations');

INSERT INTO CoEmail VALUES ('globalinnovators@example.com', 'Global Innovators Inc');

INSERT INTO CoEmail VALUES ('webmasters@example.com', 'Web Masters Solutions');

INSERT INTO CoEmail VALUES ('alphatech@example.com', 'Alpha Tech Industries');

INSERT INTO CoEmail VALUES ('cybertech@example.com', 'Cyber Tech Systems');

INSERT INTO CoEmail VALUES ('innovatesolutions@example.com', 'Innovate Solutions Ltd');

INSERT INTO CoEmail VALUES ('dynamicinnovations@example.com', 'Dynamic Innovations Co');

INSERT INTO CoEmail VALUES ('quantuminnovate@example.com', 'Quantum Innovate Inc');

	COMP_EMAIL	COMP_USERNAME
1	techinnovators@example.com	Tech Innovators Inc
2	datamasters@example.com	Data Masters Ltd
3	cloudtech@example.com	Cloud Tech Solutions
4	innova@example.com	Innova Systems LLC
5	rapidsystems@example.com	Rapid Systems Co
6	quantumtech@example.com	Quantum Tech Inc
7	dynamiccorp@example.com	Dynamic Corp
8	agiletech@example.com	Agile Tech Solutions
9	codecrafters@example.com	Code Crafters Ltd
10	smarttech@example.com	Smart Tech Industries
11	infotech@example.com	Info Tech Solutions
12	techgenius@example.com	Tech Genius Corp
13	powertech@example.com	Power Tech Innovations
14	globalinnovators@example.com	Global Innovators Inc
15	webmasters@example.com	Web Masters Solutions
16	alphatech@example.com	Alpha Tech Industries
17	cybertech@example.com	Cyber Tech Systems
18	innovatesolutions@example.com	Innovate Solutions Ltd
19	dynamicinnovations@example.com	Dynamic Innovations Co
20	quantuminnovate@example.com	Quantum Innovate Inc

CoID

create table CoID(

```
Comp_ID varchar2 (5),

Comp_Name varchar2 (50),

Comp_Email varchar2 (50),

Address varchar2 (150),

CONSTRAINT Comp_ID_pk PRIMARY KEY(Comp_ID),

CONSTRAINT comid_fk FOREIGN KEY(Comp_Email) REFERENCES
CoEmail(Comp_Email)

);


INSERT INTO CoID VALUES ('C0001', 'Tech Innovators Inc',
'techinnovators@example.com', '123 Tech Street, Tech City');

INSERT INTO CoID VALUES ('C0002', 'Data Masters Ltd', 'datamasters@example.com',
'456 Data Avenue, Data City');

INSERT INTO CoID VALUES ('C0003', 'Cloud Tech Solutions', 'cloudtech@example.com',
'789 Cloud Lane, Cloud City');

INSERT INTO CoID VALUES ('C0004', 'Innova Systems LLC', 'innova@example.com',
'101 Innovate Road, Innovate City');

INSERT INTO CoID VALUES ('C0005', 'Rapid Systems Co', 'rapidsystems@example.com',
'202 Rapid Street, Rapid City');

INSERT INTO CoID VALUES ('C0006', 'Quantum Tech Inc', 'quantumtech@example.com',
'303 Quantum Lane, Quantum City');

INSERT INTO CoID VALUES ('C0007', 'Dynamic Corp', 'dynamiccorp@example.com', '404
Dynamic Road, Dynamic City');

INSERT INTO CoID VALUES ('C0008', 'Agile Tech Solutions', 'agiletech@example.com',
'505 Agile Avenue, Agile City');

INSERT INTO CoID VALUES ('C0009', 'Code Crafters Ltd', 'codecrafters@example.com',
'606 Code Lane, Code City');
```

	COMP_ID	COMP_NAME	COMP_EMAIL	ADDRESS
1	C0001	Tech Innovators Inc	techinnovators@example.com	123 Tech Street, Tech City
2	C0002	Data Masters Ltd	datamasters@example.com	456 Data Avenue, Data City
3	C0003	Cloud Tech Solutions	cloudtech@example.com	789 Cloud Lane, Cloud City
4	C0004	Innova Systems LLC	innova@example.com	101 Innovate Road, Innovate City
5	C0005	Rapid Systems Co	rapidsystems@example.com	202 Rapid Street, Rapid City
6	C0006	Quantum Tech Inc	quantumtech@example.com	303 Quantum Lane, Quantum City
7	C0007	Dynamic Corp	dynamiccorp@example.com	404 Dynamic Road, Dynamic City
8	C0008	Agile Tech Solutions	agiletech@example.com	505 Agile Avenue, Agile City
9	C0009	Code Crafters Ltd	codecrafters@example.com	606 Code Lane, Code City
10	C0010	Smart Tech Industries	smarttech@example.com	707 Smart Street, Smart City
11	C0011	Info Tech Solutions	infotech@example.com	808 Info Road, Info City
12	C0012	Tech Genius Corp	techgenius@example.com	909 Tech Lane, Tech City
13	C0013	Power Tech Innovations	powertech@example.com	111 Power Avenue, Power City
14	C0014	Global Innovators Inc	globalinnovators@example.com	222 Global Road, Global City
15	C0015	Web Masters Solutions	webmasters@example.com	333 Web Lane, Web City
16	C0016	Alpha Tech Industries	alphatech@example.com	444 Alpha Street, Alpha City
17	C0017	Cyber Tech Systems	cybertech@example.com	555 Cyber Avenue, Cyber City
18	C0018	Innovate Solutions Ltd	innovatesolutions@example.com	666 Innovate Lane, Innovate City
19	C0019	Dynamic Innovations Co	dynamicinnovations@example.com	777 Dynamic Road, Dynamic City
20	C0020	Quantum Innovate Inc	quantuminnovate@example.com	888 Quantum Lane, Quantum City

```
create table Company(
Comp_ID varchar2 (5),
Comp_Email varchar2 (50),
CONSTRAINT Company_pk PRIMARY KEY ( Comp_ID,Comp_Email ),
CONSTRAINT compId_fk FOREIGN KEY(Comp_ID) REFERENCES CoID(Comp_ID),
CONSTRAINT compemail_fk FOREIGN KEY(Comp_Email) REFERENCES
CoEmail(Comp_Email)
);

INSERT INTO Company VALUES ('C0001', 'techinnovators@example.com');
INSERT INTO Company VALUES ('C0002', 'datamasters@example.com');
INSERT INTO Company VALUES ('C0003', 'cloudtech@example.com');
INSERT INTO Company VALUES ('C0004', 'innova@example.com');
INSERT INTO Company VALUES ('C0005', 'rapidsystems@example.com');
INSERT INTO Company VALUES ('C0006', 'quantumtech@example.com');
INSERT INTO Company VALUES ('C0007', 'dynamiccorp@example.com');
INSERT INTO Company VALUES ('C0008', 'agiletech@example.com');
INSERT INTO Company VALUES ('C0009', 'codecrafters@example.com');
INSERT INTO Company VALUES ('C0010', 'smarttech@example.com');
INSERT INTO Company VALUES ('C0011', 'infotech@example.com');
```

INSERT INTO Company VALUES ('C0012', 'techgenius@example.com');

INSERT INTO Company VALUES ('C0013', 'powertech@example.com');

INSERT INTO Company VALUES ('C0014', 'globalinnovators@example.com');

INSERT INTO Company VALUES ('C0015', 'webmasters@example.com');

INSERT INTO Company VALUES ('C0016', 'alphatech@example.com');

INSERT INTO Company VALUES ('C0017', 'cybertech@example.com');

INSERT INTO Company VALUES ('C0018', 'innovatesolutions@example.com');

INSERT INTO Company VALUES ('C0019', 'dynamicinnovations@example.com');

INSERT INTO Company VALUES ('C0020', 'quantuminnovate@example.com');

SELECT * FROM CoUser;

	COMP_ID	COMP_EMAIL
1	C0001	techinnovators@example.com
2	C0002	datamasters@example.com
3	C0003	cloudtech@example.com
4	C0004	innova@example.com
5	C0005	rapidsystems@example.com
6	C0006	quantumtech@example.com
7	C0007	dynamiccorp@example.com
8	C0008	agiletech@example.com
9	C0009	codecrafters@example.com
10	C0010	smarttech@example.com
11	C0011	infotech@example.com
12	C0012	techgenius@example.com
13	C0013	powertech@example.com
14	C0014	globalinnovators@example.com
15	C0015	webmasters@example.com
16	C0016	alphatech@example.com
17	C0017	cybertech@example.com
18	C0018	innovatesolutions@example.com
19	C0019	dynamicinnovations@example.com
20	C0020	quantuminnovate@example.com

CV

CREATE TABLE CV (
  CV_ID VARCHAR(20),

```
    Cust_ID VARCHAR(20),
    PR_ID VARCHAR(5),
    CV_Desc VARCHAR2(150),
    CONSTRAINT cv_pk PRIMARY KEY (CV_ID),
    CONSTRAINT cv_fk FOREIGN KEY (Cust_ID) REFERENCES Customer(Cust_ID),
    CONSTRAINT cv2_fk FOREIGN KEY (PR_ID) REFERENCES ProofID(Staff_ID)
);


INSERT INTO CV (CV_ID, Cust_ID, PR_ID, CV_Desc) VALUES ('1', 'Z0001', 'P0021',
'Experienced manager in the finance sector');
INSERT INTO CV (CV_ID, Cust_ID, PR_ID, CV_Desc) VALUES ('2', 'Z0002', 'P0022',
'Detail-oriented assistant with strong organizational skills');
INSERT INTO CV (CV_ID, Cust_ID, PR_ID, CV_Desc) VALUES ('3', 'Z0003', 'P0023',
'Clerical professional with excellent communication skills');
INSERT INTO CV (CV_ID, Cust_ID, PR_ID, CV_Desc) VALUES ('4', 'Z0004', 'P0024',
'Supervisor with a track record of team leadership');
INSERT INTO CV (CV_ID, Cust_ID, PR_ID, CV_Desc) VALUES ('5', 'Z0005', 'P0025',
'Analytical mindset for data-driven decision-making');
INSERT INTO CV (CV_ID, Cust_ID, PR_ID, CV_Desc) VALUES ('6', 'Z0006', 'P0026',
'Coordinated various projects successfully');
INSERT INTO CV (CV_ID, Cust_ID, PR_ID, CV_Desc) VALUES ('7', 'Z0007', 'P0027',
'Skilled developer proficient in multiple programming languages');
INSERT INTO CV (CV_ID, Cust_ID, PR_ID, CV_Desc) VALUES ('8', 'Z0008', 'P0028',
'Creative designer with an eye for aesthetics');
INSERT INTO CV (CV_ID, Cust_ID, PR_ID, CV_Desc) VALUES ('9', 'Z0009', 'P0029',
'Engineer specializing in innovative solutions');
INSERT INTO CV (CV_ID, Cust_ID, PR_ID, CV_Desc) VALUES ('10', 'Z0010', 'P0030',
'Specialist in a niche market');
INSERT INTO CV (CV_ID, Cust_ID, PR_ID, CV_Desc) VALUES ('11', 'Z0011', 'P0031',
'Managerial skills with a focus on team collaboration');
INSERT INTO CV (CV_ID, Cust_ID, PR_ID, CV_Desc) VALUES ('12', 'Z0012', 'P0032',
'Assistant role in web development');
INSERT INTO CV (CV_ID, Cust_ID, PR_ID, CV_Desc) VALUES ('13', 'Z0013', 'P0033',
'Power user experienced in various technologies');
INSERT INTO CV (CV_ID, Cust_ID, PR_ID, CV_Desc) VALUES ('14', 'Z0014', 'P0034',
'Technology guru with expertise in multiple areas');
INSERT INTO CV (CV_ID, Cust_ID, PR_ID, CV_Desc) VALUES ('15', 'Z0015', 'P0035',
'Regular user with a keen interest in technology');
INSERT INTO CV (CV_ID, Cust_ID, PR_ID, CV_Desc) VALUES ('16', 'Z0016', 'P0036',
'Cool dude with a passion for innovative solutions');
INSERT INTO CV (CV_ID, Cust_ID, PR_ID, CV_Desc) VALUES ('17', 'Z0017', 'P0037',
'Developer with a focus on software architecture');
```

INSERT INTO CV (CV_ID, Cust_ID, PR_ID, CV_Desc) VALUES ('18', 'Z0018', 'P0038', 'Sample user with experience in design');
INSERT INTO CV (CV_ID, Cust_ID, PR_ID, CV_Desc) VALUES ('19', 'Z0019', 'P0039', 'User with a strong engineering background');
INSERT INTO CV (CV_ID, Cust_ID, PR_ID, CV_Desc) VALUES ('20', 'Z0020', 'P0040', 'Gaming guru with a passion for game development');

CV_ID	CUST_ID	PR_ID	CV_DESC
1	Z0001	P0021	Experienced manager in the finance sector
2	Z0002	P0022	Detail-oriented assistant with strong organizational skills
3	Z0003	P0023	Clerical professional with excellent communication skills
4	Z0004	P0024	Supervisor with a track record of team leadership
5	Z0005	P0025	Analytical mindset for data-driven decision-making
6	Z0006	P0026	Coordinated various projects successfully
7	Z0007	P0027	Skilled developer proficient in multiple programming languages
8	Z0008	P0028	Creative designer with an eye for aesthetics
9	Z0009	P0029	Engineer specializing in innovative solutions
10	Z0010	P0030	Specialist in a niche market
11	Z0011	P0031	Managerial skills with a focus on team collaboration
12	Z0012	P0032	Assistant role in web development

ConsutlantUser

```
CREATE TABLE ConsultantUser (
    Consult_username VARCHAR(50),
    Consult_Password VARCHAR(20),
    CONSTRAINT consultantuser_pk PRIMARY KEY (Consult_username)
);
```

INSERT INTO ConsultantUser (Consult_username, Consult_Password) VALUES ('johnsmith123', 'smithpass');
INSERT INTO ConsultantUser (Consult_username, Consult_Password) VALUES ('maryjones456', 'jonespass');

```
INSERT INTO ConsultantUser (Consult_username, Consult_Password) VALUES
('robertbrown789', 'brownpass');
INSERT INTO ConsultantUser (Consult_username, Consult_Password) VALUES
('emilywhite234', 'whitepass');
INSERT INTO ConsultantUser (Consult_username, Consult_Password) VALUES
('davidlee567', 'leepass');
INSERT INTO ConsultantUser (Consult_username, Consult_Password) VALUES
('sarahmiller890', 'millerpass');
INSERT INTO ConsultantUser (Consult_username, Consult_Password) VALUES
('michaelwilson123', 'wilsonpass');
INSERT INTO ConsultantUser (Consult_username, Consult_Password) VALUES
('jenniferdavis456', 'davispass');
INSERT INTO ConsultantUser (Consult_username, Consult_Password) VALUES
('peterjackson789', 'jacksonpass');
INSERT INTO ConsultantUser (Consult_username, Consult_Password) VALUES
('amandasmith234', 'amandapass');
INSERT INTO ConsultantUser (Consult_username, Consult_Password) VALUES
('chriscarter567', 'carterpass');
INSERT INTO ConsultantUser (Consult_username, Consult_Password) VALUES
('annetaylor890', 'taylorpass');
INSERT INTO ConsultantUser (Consult_username, Consult_Password) VALUES
('kevinmartin123', 'martinpass');
INSERT INTO ConsultantUser (Consult_username, Consult_Password) VALUES
('laurajones456', 'laurapass');
INSERT INTO ConsultantUser (Consult_username, Consult_Password) VALUES
('brianhill789', 'hillpass');
INSERT INTO ConsultantUser (Consult_username, Consult_Password) VALUES
('monicasmith234', 'monicapass');
INSERT INTO ConsultantUser (Consult_username, Consult_Password) VALUES
('stevejohnson567', 'johnsonpass');
INSERT INTO ConsultantUser (Consult_username, Consult_Password) VALUES
('nataliebrown890', 'nataliepass');
INSERT INTO ConsultantUser (Consult_username, Consult_Password) VALUES
('patrickmiller123', 'millerpass');
INSERT INTO ConsultantUser (Consult_username, Consult_Password) VALUES
('lisawilson456', 'lisapass');
```

```
SELECT * FROM ConsultantUser;
```

CONSULT_USERNAME	CONSULT_PASSWORD
johnsmith123	smithpass
maryjones456	jonespass
robertbrown789	brownpass
emilywhite234	whitepass
davidlee567	leepass
sarahmiller890	millerpass
michaelwilson123	wilsonpass
jenniferdavis456	davispass
peterjackson789	jacksonpass
amandasmith234	amandapass

ConsultantID

```
CREATE TABLE ConsultantID (
    Consult_ID VARCHAR(20),
    Consult_Name VARCHAR(50),
    Address VARCHAR(50),
    Qualification VARCHAR(50),
    Availability DATE,
    CONSTRAINT consultantid_pk PRIMARY KEY (Consult_ID)
);

INSERT INTO ConsultantID (Consult_ID, Consult_Name, Address, Qualification,
Availability)
VALUES ('K1', 'John Smith', '123 Main St', 'MBA', TO_DATE('2023-05-15',
'YYYY-MM-DD'));

INSERT INTO ConsultantID (Consult_ID, Consult_Name, Address, Qualification,
Availability)
VALUES ('K2', 'Mary Jones', '456 Oak Ave', 'PhD', TO_DATE('2023-08-22',
'YYYY-MM-DD'));

INSERT INTO ConsultantID (Consult_ID, Consult_Name, Address, Qualification,
Availability)
```

```
VALUES ('K3', 'Robert Brown', '789 Maple Ln', 'BSc', TO_DATE('2023-04-10',
'YYYY-MM-DD'));

INSERT INTO ConsultantID (Consult_ID, Consult_Name, Address, Qualification,
Availability)
VALUES ('K4', 'Emily White', '234 Pine Rd', 'MS', TO_DATE('2023-11-30',
'YYYY-MM-DD'));

INSERT INTO ConsultantID (Consult_ID, Consult_Name, Address, Qualification,
Availability)
VALUES ('K5', 'David Lee', '567 Elm Blvd', 'MBA', TO_DATE('2023-06-18',
'YYYY-MM-DD'));

INSERT INTO ConsultantID (Consult_ID, Consult_Name, Address, Qualification,
Availability)
VALUES ('K6', 'Sarah Miller', '890 Cedar St', 'PhD', TO_DATE('2023-09-05',
'YYYY-MM-DD'));

INSERT INTO ConsultantID (Consult_ID, Consult_Name, Address, Qualification,
Availability)
VALUES ('K7', 'Michael Wilson', '123 Birch Ave', 'BSc', TO_DATE('2023-02-14',
'YYYY-MM-DD'));

INSERT INTO ConsultantID (Consult_ID, Consult_Name, Address, Qualification,
Availability)
VALUES ('K8', 'Jennifer Davis', '456 Fir Rd', 'MS', TO_DATE('2023-07-07',
'YYYY-MM-DD'));

INSERT INTO ConsultantID (Consult_ID, Consult_Name, Address, Qualification,
Availability)
VALUES ('K9', 'Peter Jackson', '789 Spruce Ln', 'MBA', TO_DATE('2023-10-12',
'YYYY-MM-DD'));

INSERT INTO ConsultantID (Consult_ID, Consult_Name, Address, Qualification,
Availability)
VALUES ('K10', 'Amanda Smith', '234 Willow Blvd', 'PhD', TO_DATE('2023-01-25',
'YYYY-MM-DD'));

INSERT INTO ConsultantID (Consult_ID, Consult_Name, Address, Qualification,
Availability)
VALUES ('K11', 'Chris Carter', '567 Sycamore St', 'BSc', TO_DATE('2023-03-08',
'YYYY-MM-DD'));
```

```
INSERT INTO ConsultantID (Consult_ID, Consult_Name, Address, Qualification,
Availability)
VALUES ('K12', 'Anne Taylor', '890 Redwood Rd', 'MS', TO_DATE('2023-06-30',
'YYYY-MM-DD'));

INSERT INTO ConsultantID (Consult_ID, Consult_Name, Address, Qualification,
Availability)
VALUES ('K13', 'Kevin Martin', '123 Cedar Ave', 'MBA', TO_DATE('2023-09-15',
'YYYY-MM-DD'));

INSERT INTO ConsultantID (Consult_ID, Consult_Name, Address, Qualification,
Availability)
VALUES ('K14', 'Laura Jones', '456 Oak Ln', 'PhD', TO_DATE('2023-11-20',
'YYYY-MM-DD'));

INSERT INTO ConsultantID (Consult_ID, Consult_Name, Address, Qualification,
Availability)
VALUES ('K15', 'Brian Hill', '789 Pine Blvd', 'BSc', TO_DATE('2023-04-05',
'YYYY-MM-DD'));

INSERT INTO ConsultantID (Consult_ID, Consult_Name, Address, Qualification,
Availability)
VALUES ('K16', 'Monica Smith', '234 Maple St', 'MS', TO_DATE('2023-08-10',
'YYYY-MM-DD'));

INSERT INTO ConsultantID (Consult_ID, Consult_Name, Address, Qualification,
Availability)
VALUES ('K17', 'Steve Johnson', '567 Birch Rd', 'MBA', TO_DATE('2023-12-25',
'YYYY-MM-DD'));

INSERT INTO ConsultantID (Consult_ID, Consult_Name, Address, Qualification,
Availability)
VALUES ('K18', 'Natalie Brown', '890 Fir Ave', 'PhD', TO_DATE('2023-02-01',
'YYYY-MM-DD'));

INSERT INTO ConsultantID (Consult_ID, Consult_Name, Address, Qualification,
Availability)
VALUES ('K19', 'Patrick Miller', '123 Spruce Ln', 'BSc', TO_DATE('2023-05-07',
'YYYY-MM-DD'));

INSERT INTO ConsultantID (Consult_ID, Consult_Name, Address, Qualification,
Availability)
VALUES ('K20', 'Lisa Wilson', '456 Willow Rd', 'MS', TO_DATE('2023-09-20',
'YYYY-MM-DD'));
```

```
SELECT * FROM ConsultantID;
```

CONSULT_ID	CONSULT_NAME	ADDRESS	QUALIFICATION	AVAILABILITY
3	Robert Brown	789 Maple Ln	BSc	10-APR-23
4	Emily White	234 Pine Rd	MS	30-NOV-23
5	David Lee	567 Elm Blvd	MBA	18-JUN-23
6	Sarah Miller	890 Cedar St	PhD	05-SEP-23
7	Michael Wilson	123 Birch Ave	BSc	14-FEB-23
8	Jennifer Davis	456 Fir Rd	MS	07-JUL-23
9	Peter Jackson	789 Spruce Ln	MBA	12-OCT-23
10	Amanda Smith	234 Willow Blvd	PhD	25-JAN-23
11	Chris Carter	567 Sycamore St	BSc	08-MAR-23
12	Anne Taylor	890 Redwood Rd	MS	30-JUN-23

ConsultantEmail

```
CREATE TABLE ConsultantEmail (
    Consult_Email VARCHAR(50),
    Consult_username VARCHAR(50),
    CONSTRAINT consultantemail_pk PRIMARY KEY (Consult_Email),
    CONSTRAINT consultantemail_fk FOREIGN KEY (Consult_username) REFERENCES
ConsultantUser (Consult_username)
);

INSERT INTO ConsultantEmail (Consult_Email, Consult_username) VALUES
('john.smith@example.com', 'johnsmith123');
INSERT INTO ConsultantEmail (Consult_Email, Consult_username) VALUES
('mary.jones@example.com', 'maryjones456');
INSERT INTO ConsultantEmail (Consult_Email, Consult_username) VALUES
('robert.brown@example.com', 'robertbrown789');
INSERT INTO ConsultantEmail (Consult_Email, Consult_username) VALUES
('emily.white@example.com', 'emilywhite234');
INSERT INTO ConsultantEmail (Consult_Email, Consult_username) VALUES
('david.lee@example.com', 'davidlee567');
INSERT INTO ConsultantEmail (Consult_Email, Consult_username) VALUES
('sarah.miller@example.com', 'sarahmiller890');
INSERT INTO ConsultantEmail (Consult_Email, Consult_username) VALUES
('michael.wilson@example.com', 'michaelwilson123');
```

```
INSERT INTO ConsultantEmail (Consult_Email, Consult_username) VALUES
('jennifer.davis@example.com', 'jenniferdavis456');
INSERT INTO ConsultantEmail (Consult_Email, Consult_username) VALUES
('peter.jackson@example.com', 'peterjackson789');
INSERT INTO ConsultantEmail (Consult_Email, Consult_username) VALUES
('amanda.smith@example.com', 'amandasmith234');
INSERT INTO ConsultantEmail (Consult_Email, Consult_username) VALUES
('chris.carter@example.com', 'chriscarter567');
INSERT INTO ConsultantEmail (Consult_Email, Consult_username) VALUES
('anne.taylor@example.com', 'annetaylor890');
INSERT INTO ConsultantEmail (Consult_Email, Consult_username) VALUES
('kevin.martin@example.com', 'kevinmartin123');
INSERT INTO ConsultantEmail (Consult_Email, Consult_username) VALUES
('laura.jones@example.com', 'laurajones456');
INSERT INTO ConsultantEmail (Consult_Email, Consult_username) VALUES
('brian.hill@example.com', 'brianhill789');
INSERT INTO ConsultantEmail (Consult_Email, Consult_username) VALUES
('monica.smith@example.com', 'monicasmith234');
INSERT INTO ConsultantEmail (Consult_Email, Consult_username) VALUES
('steve.johnson@example.com', 'stevejohnson567');
INSERT INTO ConsultantEmail (Consult_Email, Consult_username) VALUES
('natalie.brown@example.com', 'nataliebrown890');
INSERT INTO ConsultantEmail (Consult_Email, Consult_username) VALUES
('patrick.miller@example.com', 'patrickmiller123');
INSERT INTO ConsultantEmail (Consult_Email, Consult_username) VALUES
('lisa.wilson@example.com', 'lisawilson456');
```

```
1  SELECT * FROM ConsultantEmail;
2
3
```

CONSULT_EMAIL	CONSULT_USERNAME
john.smith@example.com	johnsmith123
mary.jones@example.com	maryjones456
robert.brown@example.com	robertbrown789
emily.white@example.com	emilywhite234
david.lee@example.com	davidlee567
sarah.miller@example.com	sarahmiller890
michael.wilson@example.com	michaelwilson123
jennifer.davis@example.com	jenniferdavis456
peter.jackson@example.com	peterjackson789
amanda.smith@example.com	amandasmith234

StaffConsult

```
CREATE TABLE StaffConsult (
   Consult_ID VARCHAR(20),
   Consult_Email VARCHAR(50),
   CONSTRAINT staffconsult_pk PRIMARY KEY (Consult_ID, Consult_Email),
   CONSTRAINT staffconsult2_fk FOREIGN KEY (Consult_ID) REFERENCES
ConsultantID(Consult_ID),
   CONSTRAINT staffconsult3_fk FOREIGN KEY (Consult_Email) REFERENCES
ConsultantEmail(Consult_Email)
);

INSERT INTO StaffConsult (Consult_ID, Consult_Email)
VALUES ('K1', 'john.smith@example.com');

INSERT INTO StaffConsult (Consult_ID, Consult_Email)
VALUES ('K2', 'mary.jones@example.com');

INSERT INTO StaffConsult (Consult_ID, Consult_Email)
VALUES ('K3', 'robert.brown@example.com');

INSERT INTO StaffConsult (Consult_ID, Consult_Email)
VALUES ('K4', 'emily.white@example.com');

INSERT INTO StaffConsult (Consult_ID, Consult_Email)
VALUES ('K5', 'david.lee@example.com');

INSERT INTO StaffConsult (Consult_ID, Consult_Email)
VALUES ('K6', 'sarah.miller@example.com');

INSERT INTO StaffConsult (Consult_ID, Consult_Email)
VALUES ('K7', 'michael.wilson@example.com');

INSERT INTO StaffConsult (Consult_ID, Consult_Email)
VALUES ('K8', 'jennifer.davis@example.com');

INSERT INTO StaffConsult (Consult_ID, Consult_Email)
VALUES ('K9', 'peter.jackson@example.com');

INSERT INTO StaffConsult (Consult_ID, Consult_Email)
VALUES ('K10', 'amanda.smith@example.com');

INSERT INTO StaffConsult (Consult_ID, Consult_Email)
```

```
VALUES ('K11', 'chris.carter@example.com');

INSERT INTO StaffConsult (Consult_ID, Consult_Email)
VALUES ('K12', 'anne.taylor@example.com');

INSERT INTO StaffConsult (Consult_ID, Consult_Email)
VALUES ('K13', 'kevin.martin@example.com');

INSERT INTO StaffConsult (Consult_ID, Consult_Email)
VALUES ('K14', 'laura.jones@example.com');

INSERT INTO StaffConsult (Consult_ID, Consult_Email)
VALUES ('K15', 'brian.hill@example.com');

INSERT INTO StaffConsult (Consult_ID, Consult_Email)
VALUES ('K16', 'monica.smith@example.com');

INSERT INTO StaffConsult (Consult_ID, Consult_Email)
VALUES ('K17', 'steve.johnson@example.com');

INSERT INTO StaffConsult (Consult_ID, Consult_Email)
VALUES ('K18', 'natalie.brown@example.com');

INSERT INTO StaffConsult (Consult_ID, Consult_Email)
VALUES ('K19', 'patrick.miller@example.com');

INSERT INTO StaffConsult (Consult_ID, Consult_Email)
VALUES ('K20', 'lisa.wilson@example.com');
```

```
SELECT * FROM StaffConsult;
```

CONSULT_ID	CONSULT_EMAIL
1	john.smith@example.com
10	amanda.smith@example.com
11	chris.carter@example.com
12	anne.taylor@example.com
13	kevin.martin@example.com
14	laura.jones@example.com
15	brian.hill@example.com
16	monica.smith@example.com
17	steve.johnson@example.com
18	natalie.brown@example.com

AdminUser

```
create table AdminUser(
   Staff_Username varchar (50),
   Staff_Password varchar (50),

   CONSTRAINT adminuser_pk PRIMARY KEY (Staff_UserName)
);

INSERT INTO AdminUser (Staff_Username,Staff_Password)
Values ('johndoe123', 'pass123');

INSERT INTO AdminUser (Staff_Username,Staff_Password)
Values ('janesmith456', 'securepass');

INSERT INTO AdminUser (Staff_Username,Staff_Password)
Values ( 'mikejones789', 'p@ssw0rd');

INSERT INTO AdminUser (Staff_Username,Staff_Password)
Values ('sarahwhite321', 's3cur3password');

INSERT INTO AdminUser (Staff_Username,Staff_Password)
Values ('robertgreen555', 'greenapple');
```

```
INSERT INTO AdminUser (Staff_Username,Staff_Password)
Values ( 'emilyblack789', 'blackcat22');

INSERT INTO AdminUser (Staff_Username,Staff_Password)
Values ('davidbrown111', 'brownie123');

INSERT INTO AdminUser (Staff_Username,Staff_Password)
Values ('lisagray456', 'gray1234');

INSERT INTO AdminUser (Staff_Username,Staff_Password)
Values ('kevinmiller222','millerlite');

INSERT INTO AdminUser (Staff_Username,Staff_Password)
Values ( 'amandataylor333', 'taylorpass');

INSERT INTO AdminUser (Staff_Username,Staff_Password)
Values ( 'jasonwilson888','wilson123');

INSERT INTO AdminUser (Staff_Username,Staff_Password)
Values ( 'nicolecarter999', 'carter456');

INSERT INTO AdminUser (Staff_Username,Staff_Password)
Values ( 'patrickmorgan777', 'morganpass');

INSERT INTO AdminUser (Staff_Username,Staff_Password)
Values ('lindakelly444','kelly123');

INSERT INTO AdminUser (Staff_Username,Staff_Password)
Values ('andrewhill555', 'hilltop');

INSERT INTO AdminUser (Staff_Username,Staff_Password)
Values ('racheljones789', 'jonespass');

INSERT INTO AdminUser (Staff_Username,Staff_Password)
Values ( 'justinwhite111','white1234');

INSERT INTO AdminUser (Staff_Username,Staff_Password)
Values ('lauragray456','gray5678');

INSERT INTO AdminUser (Staff_Username,Staff_Password)
Values ( 'brianmiller222','millertime');

INSERT INTO AdminUser (Staff_Username,Staff_Password)
Values ('oliviataylor333', 'oliviatime');
```

STAFF_USERNAME	STAFF_PASSWORD
johndoe123	pass123
janesmith456	securepass
mikejones789	p@ssw0rd
sarahwhite321	s3cur3password
robertgreen555	greenapple
emilyblack789	blackcat22
davidbrown111	brownie123
lisagray456	gray1234

AdminID

```
create table AdminID(
   Staff_ID varchar (5),
   Staff_Name varchar (50),
   Staff_Address varchar (50),
   Position varchar (50),
   CONSTRAINT adminid_pk PRIMARY KEY (Staff_ID)
);

INSERT INTO AdminID (Staff_ID,Staff_Name,Staff_Address,Position)
Values ('Z0001', 'John Doe', '123 Main St', 'Manager');

INSERT INTO AdminID (Staff_ID,Staff_Name,Staff_Address,Position)
Values ('Z0002', 'Jane Smith','456 Oak Ave', 'Assistant');

INSERT INTO AdminID (Staff_ID,Staff_Name,Staff_Address,Position)
Values ('Z0003', 'Mike Jones', '789 Elm St', 'Clerk');

INSERT INTO AdminID (Staff_ID,Staff_Name,Staff_Address,Position)
Values ('X0004', 'Sarah White', '321 Pine Rd', 'Supervisor');

INSERT INTO AdminID (Staff_ID,Staff_Name,Staff_Address,Position)
Values ('X0005', 'Robert Green', '555 Cedar Ln', 'Analyst');

INSERT INTO AdminID (Staff_ID,Staff_Name,Staff_Address,Position)
Values ('X0006', 'Emily Black', '789 Maple Dr', 'Coordinator');
```

```
INSERT INTO AdminID (Staff_ID,Staff_Name,Staff_Address,Position)
Values ('X0007', 'David Brown', '111 Birch Blvd', 'Developer');

INSERT INTO AdminID (Staff_ID,Staff_Name,Staff_Address,Position)
Values ('X0008', 'Lisa Gray', '456 Pine Ln', 'Designer');

INSERT INTO AdminID (Staff_ID,Staff_Name,Staff_Address,Position)
Values ('X0009', 'Kevin Miller', '222 Oak Dr', 'Engineer');

INSERT INTO AdminID (Staff_ID,Staff_Name,Staff_Address,Position)
Values ('X0010', 'Amanda Taylor','333 Elm Rd', 'Specialist');

INSERT INTO AdminID (Staff_ID,Staff_Name,Staff_Address,Position)
Values ('X0011', 'Jason Wilson', '888 Birch Ave', 'Manager');

INSERT INTO AdminID (Staff_ID,Staff_Name,Staff_Address,Position)
Values ('X0012', 'Nicole Carter', '999 Maple Ln', 'Assistant');

INSERT INTO AdminID (Staff_ID,Staff_Name,Staff_Address,Position)
Values ('X0013', 'Patrick Morgan', '777 Cedar Dr', 'Clerk');

INSERT INTO AdminID (Staff_ID,Staff_Name,Staff_Address,Position)
Values ('X0014', 'Linda Kelly', '444 Oak Blvd', 'Supervisor');

INSERT INTO AdminID (Staff_ID,Staff_Name,Staff_Address,Position)
Values ('X0015', 'Andrew Hill', '555 Pine Rd', 'Analyst');

INSERT INTO AdminID (Staff_ID,Staff_Name,Staff_Address,Position)
Values ('X0016','Rachel Jones', '789 Elm St', 'Coordinator');

INSERT INTO AdminID (Staff_ID,Staff_Name,Staff_Address,Position)
Values ('X0017', 'Justin White','111 Maple Dr', 'Developer');

INSERT INTO AdminID (Staff_ID,Staff_Name,Staff_Address,Position)
Values ('X0018', 'Laura Gray', '456 Birch Ln', 'Designer');

INSERT INTO AdminID (Staff_ID,Staff_Name,Staff_Address,Position)
Values ('X0019','Brian Miller', '222 Cedar Rd', 'Engineer');

INSERT INTO AdminID (Staff_ID,Staff_Name,Staff_Address,Position)
Values ('X0020', 'Olivia Taylor', '333 Pine Blvd', 'Specialist');
```

STAFF_ID	STAFF_NAME	STAFF_ADDRESS	POSITION
Z0001	John Doe	123 Main St	Manager
Z0002	Jane Smith	456 Oak Ave	Assistant
Z0003	Mike Jones	789 Elm St	Clerk
X0004	Sarah White	321 Pine Rd	Supervisor
X0005	Robert Green	555 Cedar Ln	Analyst
X0006	Emily Black	789 Maple Dr	Coordinator
X0007	David Brown	111 Birch Blvd	Developer
X0008	Lisa Gray	456 Pine Ln	Designer

AdminEmail

```
create table AdminEmail(
    Staff_Email varchar (50),
    Staff_Username varchar (50),

    CONSTRAINT adminemail_pk PRIMARY KEY (Staff_Email),
    CONSTRAINT adminemail_fk FOREIGN KEY (Staff_Username) REFERENCES
AdminUser (Staff_Username)

);

INSERT INTO AdminEmail (Staff_Email,Staff_Username)
Values ('john.doe@example.com', 'johndoe123');

INSERT INTO AdminEmail (Staff_Email,Staff_Username)
(Staff_ID,Staff_Email,Staff_Username,Staff_Name,Staff_Password,Staff_Address,Position)
Values ( 'jane.smith@example.com', 'janesmith456');

INSERT INTO AdminEmail (Staff_Email,Staff_Username)
Values ('mike.jones@example.com', 'mikejones789');

INSERT INTO AdminEmail (Staff_Email,Staff_Username)
Values ( 'sarah.white@example.com', 'sarahwhite321');

INSERT INTO AdminEmail (Staff_Email,Staff_Username)
Values ('robert.green@example.com', 'robertgreen555');
```

```
INSERT INTO AdminEmail (Staff_Email,Staff_Username)
Values ('emily.black@example.com', 'emilyblack789',);

INSERT INTO AdminEmail (Staff_Email,Staff_Username)
Values ( 'david.brown@example.com', 'davidbrown111');

INSERT INTO AdminEmail (Staff_Email,Staff_Username)
Values ('lisa.gray@example.com', 'lisagray456');

INSERT INTO AdminEmail (Staff_Email,Staff_Username)
Values ( 'kevin.miller@example.com', 'kevinmiller222');

INSERT INTO AdminEmail (Staff_Email,Staff_Username)
Values ('amanda.taylor@example.com', 'amandataylor333');

INSERT INTO AdminEmail (Staff_Email,Staff_Username)
Values ('jason.wilson@example.com', 'jasonwilson888');

INSERT INTO AdminEmail (Staff_Email,Staff_Username)
Values ( 'nicole.carter@example.com', 'nicolecarter999');

INSERT INTO AdminEmail (Staff_Email,Staff_Username)
Values ( 'patrick.morgan@example.com', 'patrickmorgan777');

INSERT INTO AdminEmail (Staff_Email,Staff_Username)
Values ('linda.kelly@example.com', 'lindakelly444');

INSERT INTO AdminEmail (Staff_Email,Staff_Username)
Values ( 'andrew.hill@example.com', 'andrewhill555');

INSERT INTO AdminEmail (Staff_Email,Staff_Username)
Values ( 'rachel.jones@example.com', 'racheljones789');

INSERT INTO AdminEmail (Staff_Email,Staff_Username)
Values ( 'justin.white@example.com', 'justinwhite111');

INSERT INTO AdminEmail (Staff_Email,Staff_Username)
Values ( 'laura.gray@example.com', 'lauragray456');

INSERT INTO AdminEmail (Staff_Email,Staff_Username)
Values ( 'brian.miller@example.com', 'brianmiller222');

INSERT INTO AdminEmail (Staff_Email,Staff_Username)
Values ( 'olivia.taylor@example.com', 'oliviataylor333');
```

STAFF_EMAIL	STAFF_USERNAME
john.doe@example.com	johndoe123
mike.jones@example.com	mikejones789
sarah.white@example.com	sarahwhite321
robert.green@example.com	robertgreen555
david.brown@example.com	davidbrown111
lisa.gray@example.com	lisagray456
kevin.miller@example.com	kevinmiller222
amanda.taylor@example.com	amandataylor333

StaffAdmin

```
create table StaffAdmin(
    Staff_ID varchar (5),
    Staff_Email varchar (50),

    CONSTRAINT admin_pk PRIMARY KEY (Staff_ID , Staff_Email),
    CONSTRAINT admin1_fk FOREIGN KEY (Staff_ID) REFERENCES AdminID
(Staff_ID),
    CONSTRAINT admin2_fk FOREIGN KEY (Staff_Email) REFERENCES AdminEmail
(Staff_Email)

);

INSERT INTO StaffAdmin (Staff_ID,Staff_Email)
Values ( 'X0001', 'john.doe@example.com');

INSERT INTO StaffAdmin (Staff_ID,Staff_Email)
Values ( 'X0002', 'jane.smith@example.com');

INSERT INTO StaffAdmin (Staff_ID,Staff_Email)
Values ('X0003', 'mike.jones@example.com');

INSERT INTO StaffAdmin (Staff_ID,Staff_Email)
Values ( 'X0004', 'sarah.white@example.com');

INSERT INTO StaffAdmin (Staff_ID,Staff_Email)
Values ( 'X0005', 'robert.green@example.com');
```

```
INSERT INTO StaffAdmin (Staff_ID,Staff_Email)
Values ( 'X0006', 'emily.black@example.com');

INSERT INTO StaffAdmin (Staff_ID,Staff_Email)
Values ( 'X0007', 'david.brown@example.com');

INSERT INTO StaffAdmin (Staff_ID,Staff_Email)
Values ( 'X0008', 'lisa.gray@example.com');

INSERT INTO StaffAdmin (Staff_ID,Staff_Email)
Values ( 'X0009', 'kevin.miller@example.com');

INSERT INTO StaffAdmin (Staff_ID,Staff_Email)
Values ( 'X0010', 'amanda.taylor@example.com');

INSERT INTO StaffAdmin (Staff_ID,Staff_Email)
Values ( 'X0011', 'jason.wilson@example.com');

INSERT INTO StaffAdmin (Staff_ID,Staff_Email)
Values ('X0012', 'nicole.carter@example.com');

INSERT INTO StaffAdmin (Staff_ID,Staff_Email)
Values ( 'X0013', 'patrick.morgan@example.com');

INSERT INTO StaffAdmin (Staff_ID,Staff_Email)
Values ('X0014', 'linda.kelly@example.com');

INSERT INTO StaffAdmin (Staff_ID,Staff_Email)
Values ( 'X0015', 'andrew.hill@example.com');

INSERT INTO StaffAdmin (Staff_ID,Staff_Email)
Values ('X0016', 'rachel.jones@example.com');

INSERT INTO StaffAdmin (Staff_ID,Staff_Email)
Values ('X0017', 'justin.white@example.com');

INSERT INTO StaffAdmin (Staff_ID,Staff_Email)
Values ('X0018', 'laura.gray@example.com');

INSERT INTO StaffAdmin (Staff_ID,Staff_Email)
Values ('X0019', 'brian.miller@example.com');

INSERT INTO StaffAdmin (Staff_ID,Staff_Email)
```

Values ('X0020', 'olivia.taylor@example.com');

STAFF_ID	STAFF_EMAIL
X0001	john.doe@example.com
X0002	jane.smith@example.com
X0003	mike.jones@example.com
X0004	sarah.white@example.com
X0005	robert.green@example.com
X0006	emily.black@example.com
X0007	david.brown@example.com
X0008	lisa.gray@example.com

ProofUser

```
create table ProofUser(
    Staff_Username varchar (50),
    Staff_Password varchar (50),

    CONSTRAINT proofuser_pk PRIMARY KEY (Staff_UserName)
);

INSERT INTO ProofUser (Staff_Username,Staff_Password)
Values ('alexsmith123', 'password123');

INSERT INTO ProofUser (Staff_Username,Staff_Password)
Values ('sophiejones456', 'securepassword');

INSERT INTO ProofUser (Staff_Username,Staff_Password)
Values ('michaelbrown789', 'brownpass');

INSERT INTO ProofUser (Staff_Username,Staff_Password)
Values ('oliviawilson321', 'wilsonpass');

INSERT INTO ProofUser (Staff_Username,Staff_Password)
```

```
Values ('ryantaylor555', 'taylor123');

INSERT INTO ProofUser (Staff_Username,Staff_Password)
Values ('emmablack789', 'blackpass');

INSERT INTO ProofUser (Staff_Username,Staff_Password)
Values ('jacobgreen111', 'green1234');

INSERT INTO ProofUser (Staff_Username,Staff_Password)
Values ('avagray456', 'graypass');

INSERT INTO ProofUser (Staff_Username,Staff_Password)
Values ('noahmiller222', 'millertime123');
INSERT INTO ProofUser (Staff_Username,Staff_Password)
Values ('oliverhill333', 'hilltop123');

INSERT INTO ProofUser (Staff_Username,Staff_Password)
Values ('miacarter999', 'carterpass');

INSERT INTO ProofUser (Staff_Username,Staff_Password)
Values ('ethanmorgan777', 'morgan1234');

INSERT INTO ProofUser (Staff_Username,Staff_Password)
Values ('hannahkelly444', 'kellypass');

INSERT INTO ProofUser (Staff_Username,Staff_Password)
Values ('williamhill555', 'hillpass');

INSERT INTO ProofUser (Staff_Username,Staff_Password)
Values ('gracejones789', 'jones5678');

INSERT INTO ProofUser (Staff_Username,Staff_Password)
Values ('samuelwhite111', 'whitepass');

INSERT INTO ProofUser (Staff_Username,Staff_Password)
Values ('ellagray456', 'gray5678');

INSERT INTO ProofUser (Staff_Username,Staff_Password)
Values ('jacksonmiller222', 'miller5678');

INSERT INTO ProofUser (Staff_Username,Staff_Password)
Values ('ariataylor333', 'taylorpass');

INSERT INTO ProofUser (Staff_Username,Staff_Password)
```

Values ('lucasjones444', 'jonespass');

STAFF_USERNAME	STAFF_PASSWORD
alexsmith123	password123
sophiejones456	securepassword
michaelbrown789	brownpass
oliviawilson321	wilsonpass
ryantaylor555	taylor123
emmablack789	blackpass
jacobgreen111	green1234
avagray456	graypass

ProofID

```
create table ProofID(
   Staff_ID varchar (5),
   Staff_Name varchar (50),
   Staff_Address varchar (50),
   Position varchar (50),
   CONSTRAINT proofid_pk PRIMARY KEY (Staff_ID)
);
```

```
INSERT INTO ProofID (Staff_ID,Staff_Name,Staff_Address,Position)
Values ('P0021', 'Alex Smith', '123 Oak St', 'Manager');

INSERT INTO ProofID (Staff_ID,Staff_Name,Staff_Address,Position)
Values ('P0022', 'Sophie Jones', '456 Elm Ave', 'Assistant');

INSERT INTO ProofID (Staff_ID,Staff_Name,Staff_Address,Position)
Values ('P0023', 'Michael Brown', '789 Birch Ln', 'Clerk');

INSERT INTO ProofID (Staff_ID,Staff_Name,Staff_Address,Position)
Values ('P0024', 'Olivia Wilson', '321 Cedar Rd', 'Supervisor');

INSERT INTO ProofID (Staff_ID,Staff_Name,Staff_Address,Position)
Values ('P0025', 'Ryan Taylor', '555 Maple Dr', 'Analyst');
```

```
INSERT INTO ProofID (Staff_ID,Staff_Name,Staff_Address,Position)
Values ('P0026', 'Emma Black', '789 Pine Blvd', 'Coordinator');

INSERT INTO ProofID (Staff_ID,Staff_Name,Staff_Address,Position)
Values ('P0027', 'Jacob Green', '111 Birch Dr', 'Developer');

INSERT INTO ProofID (Staff_ID,Staff_Name,Staff_Address,Position)
Values ('P0028', 'Ava Gray', '456 Oak Rd', 'Designer');

INSERT INTO ProofID (Staff_ID,Staff_Name,Staff_Address,Position)
Values ('P0029', 'Noah Miller', '222 Pine Ln', 'Engineer');

INSERT INTO ProofID (Staff_ID,Staff_Name,Staff_Address,Position)
Values ('P0030', 'Oliver Hill', '333 Elm Blvd', 'Specialist');

INSERT INTO ProofID (Staff_ID,Staff_Name,Staff_Address,Position)
Values ('P0031', 'Mia Carter', '999 Cedar Ave', 'Manager');

INSERT INTO ProofID (Staff_ID,Staff_Name,Staff_Address,Position)
Values ('P0032', 'Ethan Morgan', '777 Maple Rd', 'Assistant');

INSERT INTO ProofID (Staff_ID,Staff_Name,Staff_Address,Position)
Values ('P0033', 'Hannah Kelly', '444 Cedar Blvd', 'Clerk');

INSERT INTO ProofID (Staff_ID,Staff_Name,Staff_Address,Position)
Values ('P0034', 'William Hill', '555 Pine Dr', 'Supervisor');

INSERT INTO ProofID (Staff_ID,Staff_Name,Staff_Address,Position)
Values ('P0035', 'Grace Jones', '789 Oak Ave', 'Analyst');

INSERT INTO ProofID (Staff_ID,Staff_Name,Staff_Address,Position)
Values ('P0036', 'Samuel White', '111 Elm Ln', 'Coordinator');

INSERT INTO ProofID (Staff_ID,Staff_Name,Staff_Address,Position)
Values ('P0037', 'Ella Gray', '456 Birch Rd', 'Developer');

INSERT INTO ProofID (Staff_ID,Staff_Name,Staff_Address,Position)
Values ('P0038', 'Jackson Miller', '222 Cedar Blvd', 'Designer');

INSERT INTO ProofID (Staff_ID,Staff_Name,Staff_Address,Position)
Values ('P0039', 'Aria Taylor', '333 Pine Dr', 'Engineer');

INSERT INTO ProofID (Staff_ID,Staff_Name,Staff_Address,Position)
Values ('P0040', 'Lucas Jones', '444 Elm Rd', 'Specialist');
```

STAFF_ID	STAFF_NAME	STAFF_ADDRESS	POSITION
P0021	Alex Smith	123 Oak St	Manager
P0022	Sophie Jones	456 Elm Ave	Assistant
P0023	Michael Brown	789 Birch Ln	Clerk
P0024	Olivia Wilson	321 Cedar Rd	Supervisor
P0025	Ryan Taylor	555 Maple Dr	Analyst
P0026	Emma Black	789 Pine Blvd	Coordinator
P0027	Jacob Green	111 Birch Dr	Developer
P0028	Ava Gray	456 Oak Rd	Designer

ProofEmail

```
create table ProofEmail(
    Staff_Email varchar (50),
    Staff_Username varchar (50),

    CONSTRAINT proofemail_pk PRIMARY KEY (Staff_Email),
    CONSTRAINT proofemail_fk FOREIGN KEY (Staff_Username) REFERENCES
ProofUser (Staff_Username)

);

INSERT INTO ProofEmail (Staff_Email,Staff_Username)
Values ('alex.smith@example.com', 'alexsmith123');

INSERT INTO ProofEmail (Staff_Email,Staff_Username)
Values ('sophie.jones@example.com', 'sophiejones456');

INSERT INTO ProofEmail (Staff_Email,Staff_Username)
Values ('michael.brown@example.com', 'michaelbrown789');

INSERT INTO ProofEmail (Staff_Email,Staff_Username)
Values ('olivia.wilson@example.com', 'oliviawilson321');

INSERT INTO ProofEmail (Staff_Email,Staff_Username)
Values ('ryan.taylor@example.com', 'ryantaylor555');

INSERT INTO ProofEmail (Staff_Email,Staff_Username)
```

```
Values ('emma.black@example.com', 'emmablack789');

INSERT INTO ProofEmail (Staff_Email,Staff_Username)
Values ('jacob.green@example.com', 'jacobgreen111');

INSERT INTO ProofEmail (Staff_Email,Staff_Username)
Values ('ava.gray@example.com', 'avagray456');

INSERT INTO ProofEmail (Staff_Email,Staff_Username)
Values ('noah.miller@example.com', 'noahmiller222');

INSERT INTO ProofEmail (Staff_Email,Staff_Username)
Values ('oliver.hill@example.com', 'oliverhill333');

INSERT INTO ProofEmail (Staff_Email,Staff_Username)
Values ('mia.carter@example.com', 'miacarter999');

INSERT INTO ProofEmail (Staff_Email,Staff_Username)
Values ('ethan.morgan@example.com', 'ethanmorgan777');

INSERT INTO ProofEmail (Staff_Email,Staff_Username)
Values ('hannah.kelly@example.com', 'hannahkelly444');

INSERT INTO ProofEmail (Staff_Email,Staff_Username)
Values ('william.hill@example.com', 'williamhill555');

INSERT INTO ProofEmail (Staff_Email,Staff_Username)
Values ('grace.jones@example.com', 'gracejones789');

INSERT INTO ProofEmail (Staff_Email,Staff_Username)
Values ('samuel.white@example.com', 'samuelwhite111');

INSERT INTO ProofEmail (Staff_Email,Staff_Username)
Values ('ella.gray@example.com', 'ellagray456');

INSERT INTO ProofEmail (Staff_Email,Staff_Username)
Values ('jackson.miller@example.com', 'jacksonmiller222');

INSERT INTO ProofEmail (Staff_Email,Staff_Username)
Values ('aria.taylor@example.com', 'ariataylor333');

INSERT INTO ProofEmail (Staff_Email,Staff_Username)
Values ('lucas.jones@example.com', 'lucasjones444');
```

STAFF_EMAIL	STAFF_USERNAME
alex.smith@example.com	alexsmith123
sophie.jones@example.com	sophiejones456
michael.brown@example.com	michaelbrown789
olivia.wilson@example.com	oliviawilson321
ryan.taylor@example.com	ryantaylor555
emma.black@example.com	emmablack789
jacob.green@example.com	jacobgreen111
ava.gray@example.com	avagray456

StaffProof

```
create table StaffProof(
    Staff_ID varchar (5),
    Staff_Email varchar (50),

    CONSTRAINT proof_pk PRIMARY KEY (Staff_ID,Staff_Email),
    CONSTRAINT proof1_fk FOREIGN KEY (Staff_ID) REFERENCES ProofID (Staff_ID),
    CONSTRAINT proof2_fk FOREIGN KEY (Staff_Email) REFERENCES ProofEmail
(Staff_Email)

);

INSERT INTO StaffProof (Staff_ID,Staff_Email)
Values ('P0021', 'alex.smith@example.com');

INSERT INTO StaffProof (Staff_ID,Staff_Email)
Values ('P0022', 'sophie.jones@example.com');

INSERT INTO StaffProof (Staff_ID,Staff_Email)
Values ('P0023', 'michael.brown@example.com');
```

```
INSERT INTO StaffProof (Staff_ID,Staff_Email)
Values ('P0024', 'olivia.wilson@example.com');

INSERT INTO StaffProof (Staff_ID,Staff_Email)
Values ('P0025', 'ryan.taylor@example.com');

INSERT INTO StaffProof (Staff_ID,Staff_Email)
Values ('P0026', 'emma.black@example.com');

INSERT INTO StaffProof (Staff_ID,Staff_Email)
Values ('P0027', 'jacob.green@example.com');

INSERT INTO StaffProof (Staff_ID,Staff_Email)
Values ('P0028', 'ava.gray@example.com');

INSERT INTO StaffProof (Staff_ID,Staff_Email)
Values ('P0029', 'noah.miller@example.com');

INSERT INTO StaffProof (Staff_ID,Staff_Email)
Values ('P0030', 'oliver.hill@example.com'):

INSERT INTO StaffProof (Staff_ID,Staff_Email)
Values ('P0031', 'mia.carter@example.com');

INSERT INTO StaffProof (Staff_ID,Staff_Email)
Values ('P0032', 'ethan.morgan@example.com');

INSERT INTO StaffProof (Staff_ID,Staff_Email)
Values ('P0033', 'hannah.kelly@example.com');

INSERT INTO StaffProof (Staff_ID,Staff_Email)
Values ('P0034', 'william.hill@example.com');

INSERT INTO StaffProof (Staff_ID,Staff_Email)
Values ('P0035', 'grace.jones@example.com');

INSERT INTO StaffProof (Staff_ID,Staff_Email)
Values ('P0036', 'samuel.white@example.com');

INSERT INTO StaffProof (Staff_ID,Staff_Email)
Values ('P0037', 'ella.gray@example.com');

INSERT INTO StaffProof (Staff_ID,Staff_Email)
Values ('P0038', 'jackson.miller@example.com');
```

```
INSERT INTO StaffProof (Staff_ID,Staff_Email)
Values ('P0039', 'aria.taylor@example.com');

INSERT INTO StaffProof (Staff_ID,Staff_Email)
Values ('P0040', 'lucas.jones@example.com');
```

STAFF_ID	STAFF_EMAIL
P0021	alex.smith@example.com
P0022	sophie.jones@example.com
P0023	michael.brown@example.com
P0024	olivia.wilson@example.com
P0025	ryan.taylor@example.com
P0026	emma.black@example.com
P0027	jacob.green@example.com
P0028	ava.gray@example.com

```
CREATE TABLE Question(
   question_id VARCHAR2(5) CONSTRAINT quest_q_id_pk PRIMARY KEY,
   question_description VARCHAR2(100)
);



CREATE TABLE Answer(
   answer_id VARCHAR2(5) CONSTRAINT ans_a_id_pk PRIMARY KEY,
   answer_description VARCHAR2(100)
);




CREATE TABLE QA(
   quest_id VARCHAR2(5),
```

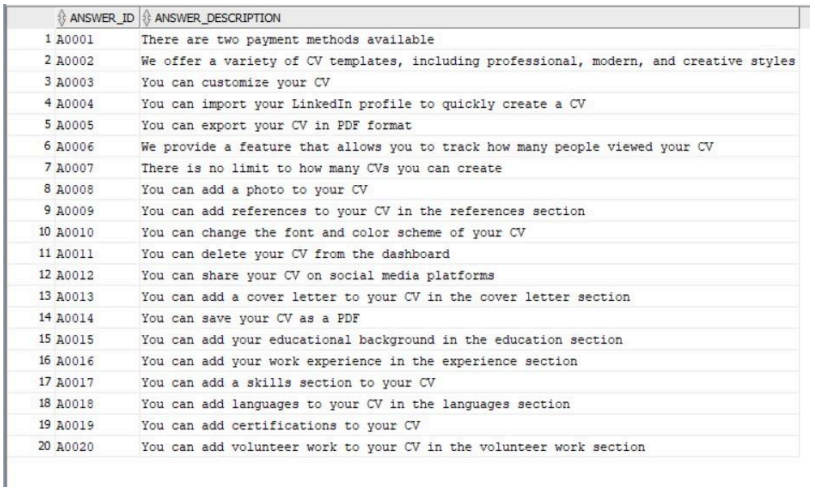
```
   ans_id VARCHAR2(5),
   CONSTRAINT qa_pk PRIMARY KEY (quest_id , ans_id),
   CONSTRAINT qa_qid_fk FOREIGN KEY(quest_id) REFERENCES
Question(question_id),
   CONSTRAINT qa_aid_fk FOREIGN KEY(ans_id) REFERENCES Answer(answer_id)
);



Insert INTO Question
VALUES ('Q0001','What are the payment methods available');
Insert INTO Question VALUES
('Q0002','How can I customize my CV');
Insert INTO Question VALUES
('Q0003','Can I import my LinkedIn profile');
Insert INTO Question VALUES
('Q0004','How do I export my CV');
Insert INTO Question VALUES
('Q0005','Can I track how many people viewed my CV');
Insert INTO Question VALUES
('Q0006','Is there a limit to how many CVs I can create');
Insert INTO Question VALUES
('Q0007','Can I add a photo to my CV');
Insert INTO Question VALUES
('Q0008','How do I add references to my CV');
Insert INTO Question VALUES
('Q0009','Can I change the font and color scheme of my CV');
Insert INTO Question VALUES
('Q0010','How do I delete my CV');
Insert INTO Question VALUES
('Q0011','Can I share my CV on social media');
Insert INTO Question VALUES
('Q0012','How do I add a cover letter to my CV');
Insert INTO Question VALUES
('Q0013','Can I save my CV as a PDF');
Insert INTO Question VALUES
('Q0014','How do I add my educational background');
Insert INTO Question VALUES
('Q0015','How do I add my work experience');
Insert INTO Question VALUES
('Q0016','Can I add a skills section to my CV');
Insert INTO Question VALUES
('Q0017','How do I add languages to my CV');
Insert INTO Question VALUES
```

('Q0018','Can I add certifications to my CV');
Insert INTO Question VALUES
('Q0019','How do I add volunteer work to my CV');
Insert INTO Question VALUES
('Q0020','Can I add a hobbies section to my CV');

	QUESTION_ID	QUESTION_DESCRIPTION
1	Q0001	What are the payment methods available
2	Q0002	How can I customize my CV
3	Q0003	Can I import my LinkedIn profile
4	Q0004	How do I export my CV
5	Q0005	Can I track how many people viewed my CV
6	Q0006	Is there a limit to how many CVs I can create
7	Q0007	Can I add a photo to my CV
8	Q0008	How do I add references to my CV
9	Q0009	Can I change the font and color scheme of my CV
10	Q0010	How do I delete my CV
11	Q0011	Can I share my CV on social media
12	Q0012	How do I add a cover letter to my CV
13	Q0013	Can I save my CV as a PDF
14	Q0014	How do I add my educational background
15	Q0015	How do I add my work experience
16	Q0016	Can I add a skills section to my CV
17	Q0017	How do I add languages to my CV
18	Q0018	Can I add certifications to my CV
19	Q0019	How do I add volunteer work to my CV
20	Q0020	Can I add a hobbies section to my CV

INSERT INTO Answer VALUES ('A0001' , 'There are two payment methods available');
INSERT INTO Answer VALUES ('A0002', 'We offer a variety of CV templates, including professional, modern, and creative styles');
INSERT INTO Answer VALUES ('A0003', 'You can customize your CV');
INSERT INTO Answer VALUES ('A0004', 'You can import your LinkedIn profile to quickly create a CV');
INSERT INTO Answer VALUES ('A0005', 'You can export your CV in PDF format');
INSERT INTO Answer VALUES ('A0006', 'We provide a feature that allows you to track how many people viewed your CV');
INSERT INTO Answer VALUES ('A0007', 'There is no limit to how many CVs you can create');
INSERT INTO Answer VALUES ('A0008', 'You can add a photo to your CV');
INSERT INTO Answer VALUES ('A0009', 'You can add references to your CV in the references section');
INSERT INTO Answer VALUES ('A0010', 'You can change the font and color scheme of your CV');
INSERT INTO Answer VALUES ('A0011', 'You can delete your CV from the dashboard');
INSERT INTO Answer VALUES ('A0012', 'You can share your CV on social media platforms');
INSERT INTO Answer VALUES ('A0013', 'You can add a cover letter to your CV in the cover letter section');
INSERT INTO Answer VALUES ('A0014', 'You can save your CV as a PDF');

INSERT INTO Answer VALUES ('A0015', 'You can add your educational background in the education section');
INSERT INTO Answer VALUES ('A0016', 'You can add your work experience in the experience section');
INSERT INTO Answer VALUES ('A0017', 'You can add a skills section to your CV');
INSERT INTO Answer VALUES ('A0018', 'You can add languages to your CV in the languages section');
INSERT INTO Answer VALUES ('A0019', 'You can add certifications to your CV');
INSERT INTO Answer VALUES ('A0020', 'You can add volunteer work to your CV in the volunteer work section');



	ANSWER_ID	ANSWER_DESCRIPTION
1	A0001	There are two payment methods available
2	A0002	We offer a variety of CV templates, including professional, modern, and creative styles
3	A0003	You can customize your CV
4	A0004	You can import your LinkedIn profile to quickly create a CV
5	A0005	You can export your CV in PDF format
6	A0006	We provide a feature that allows you to track how many people viewed your CV
7	A0007	There is no limit to how many CVs you can create
8	A0008	You can add a photo to your CV
9	A0009	You can add references to your CV in the references section
10	A0010	You can change the font and color scheme of your CV
11	A0011	You can delete your CV from the dashboard
12	A0012	You can share your CV on social media platforms
13	A0013	You can add a cover letter to your CV in the cover letter section
14	A0014	You can save your CV as a PDF
15	A0015	You can add your educational background in the education section
16	A0016	You can add your work experience in the experience section
17	A0017	You can add a skills section to your CV
18	A0018	You can add languages to your CV in the languages section
19	A0019	You can add certifications to your CV
20	A0020	You can add volunteer work to your CV in the volunteer work section

INSERT INTO QA VALUES ('Q0001','A0001');
INSERT INTO QA VALUES ('Q0002','A0002');
INSERT INTO QA VALUES ('Q0003','A0003');
INSERT INTO QA VALUES ('Q0004','A0004');
INSERT INTO QA VALUES ('Q0005','A0005');
INSERT INTO QA VALUES ('Q0006','A0006');
INSERT INTO QA VALUES ('Q0007','A0007');
INSERT INTO QA VALUES ('Q0008','A0008');
INSERT INTO QA VALUES ('Q0009','A0009');
INSERT INTO QA VALUES ('Q0010','A0010');
INSERT INTO QA VALUES ('Q0011','A0011');
INSERT INTO QA VALUES ('Q0012','A0012');
INSERT INTO QA VALUES ('Q0013','A0013');
INSERT INTO QA VALUES ('Q0014','A0014');
INSERT INTO QA VALUES ('Q0015','A0015');
INSERT INTO QA VALUES ('Q0016','A0016');
INSERT INTO QA VALUES ('Q0017','A0017');
INSERT INTO QA VALUES ('Q0018','A0018');
INSERT INTO QA VALUES ('Q0019','A0019');
INSERT INTO QA VALUES ('Q0020','A0020');

	QUEST_ID	ANS_ID
1	Q0001	A0001
2	Q0002	A0002
3	Q0003	A0003
4	Q0004	A0004
5	Q0005	A0005
6	Q0006	A0006
7	Q0007	A0007
8	Q0008	A0008
9	Q0009	A0009
10	Q0010	A0010
11	Q0011	A0011
12	Q0012	A0012
13	Q0013	A0013
14	Q0014	A0014
15	Q0015	A0015
16	Q0016	A0016
17	Q0017	A0017
18	Q0018	A0018
19	Q0019	A0019
20	Q0020	A0020

Customer & Question

```
CREATE TABLE CustQA
(
   que_id VARCHAR2(5),
   cus_id VARCHAR2(5),
   ans_id VARCHAR2(5),
   CONSTRAINT cqa_pk PRIMARY KEY(que_id),
   CONSTRAINT q_fk FOREIGN KEY(que_id) REFERENCES Question(question_id),
   CONSTRAINT cust_fk FOREIGN KEY (cus_id) REFERENCES CID (Cust_ID),
   CONSTRAINT cuans_fk FOREIGN KEY (ans_id) REFERENCES Answer(answer_id)
);

Insert INTO CustQA VALUES ('Q0001','Z0001','A0001');
Insert INTO CustQA VALUES ('Q0002','Z0001','A0002');
Insert INTO CustQA VALUES ('Q0003','Z0003','A0003');
Insert INTO CustQA VALUES ('Q0004','Z0004','A0003');
Insert INTO CustQA VALUES ('Q0005','Z0001','A0005');
```

QUE_ID	CUS_ID	ANS_ID
Q0001	Z0001	A0001
Q0002	Z0001	A0002
Q0003	Z0003	A0003
Q0004	Z0004	A0003
Q0005	Z0001	A0005

Admin & Question

```
CREATE TABLE AdminQA
(
   que_id VARCHAR2(5),
   ans_id VARCHAR2(5),
   admin_id VARCHAR2(5),
   CONSTRAINT ad_qa_pk PRIMARY KEY (que_id),
   CONSTRAINT a_fk FOREIGN KEY (que_id) REFERENCES Question(question_id),
   CONSTRAINT aa_id_fk FOREIGN KEY (admin_id) REFERENCES
AdminID(Staff_ID),
   CONSTRAINT aN_id_fk FOREIGN KEY (ans_id) REFERENCES Answer(answer_id)
);


Insert INTO AdminQA
VALUES ('Q0001','A0001','X0001');
Insert INTO AdminQA VALUES
('Q0002','A0002','X0002');
Insert INTO AdminQA VALUES
('Q0003','A0003','X0003');
Insert INTO AdminQA VALUES
('Q0004','A0004','X0004');
Insert INTO AdminQA VALUES
('Q0005','A0005','X0005');
```

JOB_VACANCY	COMP_ID
Software Developer	C0001
Marketing Specialist	C0002
Financial Analyst	C0003
Customer Service Representative	C0004
Graphic Designer	C0005
Project Manager	C0006
Sales Executive	C0007
Human Resources Coordinator	C0008

```
Create table JobVacancy(
        Job_Vacancy varchar(50),
        Comp_ID varchar(5),

        CONSTRAINT job_pk PRIMARY KEY (Job_Vacancy),
        CONSTRAINT job_fk FOREIGN KEY (Comp_ID) REFERENCES Company
(Comp_ID)
);


INSERT INTO JobVacancy(Job_Vacancy,Comp_ID)
VALUES ('Software Developer', 'C0001');

INSERT INTO JobVacancy(Job_Vacancy,Comp_ID)
VALUES ('Marketing Specialist', 'C0002');


INSERT INTO JobVacancy(Job_Vacancy,Comp_ID)
VALUES ('Financial Analyst', 'C0003');


INSERT INTO JobVacancy(Job_Vacancy,Comp_ID)
VALUES ('Customer Service Representative', 'C0004');


INSERT INTO JobVacancy(Job_Vacancy,Comp_ID)
VALUES ('Graphic Designer', 'C0005');
```

```
INSERT INTO JobVacancy(Job_Vacancy,Comp_ID)
VALUES ('Project Manager', 'C0006');

INSERT INTO JobVacancy(Job_Vacancy,Comp_ID)
VALUES ('Sales Executive', 'C0007');

INSERT INTO JobVacancy(Job_Vacancy,Comp_ID)
VALUES ('Human Resources Coordinator', 'C0008');

INSERT INTO JobVacancy(Job_Vacancy,Comp_ID)
VALUES ('Data Scientist', 'C0009');

INSERT INTO JobVacancy(Job_Vacancy,Comp_ID)
VALUES ('Administrative Assistant', 'C0010');

INSERT INTO JobVacancy(Job_Vacancy,Comp_ID)
VALUES ('Electrical Engineer','C0011');

INSERT INTO JobVacancy(Job_Vacancy,Comp_ID)
VALUES ('Content Writer', 'C0012');

INSERT INTO JobVacancy(Job_Vacancy,Comp_ID)
VALUES ('IT Support Specialist', 'C0013');

INSERT INTO JobVacancy(Job_Vacancy,Comp_ID)
VALUES ('Nurse Practitioner', 'C0014');

INSERT INTO JobVacancy(Job_Vacancy,Comp_ID)
VALUES ('Product Manager', 'C0015');

INSERT INTO JobVacancy(Job_Vacancy,Comp_ID)
```

VALUES ('Legal Counsel', 'C0016');

INSERT INTO JobVacancy(Job_Vacancy,Comp_ID)
VALUES ('Quality Assurance Analyst', 'C0017');

INSERT INTO JobVacancy(Job_Vacancy,Comp_ID)
VALUES ('Social Media Manager', 'C0018');

INSERT INTO JobVacancy(Job_Vacancy,Comp_ID)
VALUES ('Mechanical Engineer', 'C0019');

INSERT INTO JobVacancy(Job_Vacancy,Comp_ID)
VALUES ('Executive Assistant', 'C0020');

JOB_VACANCY	COMP_ID
Software Developer	C0001
Marketing Specialist	C0002
Financial Analyst	C0003
Customer Service Representative	C0004
Graphic Designer	C0005
Project Manager	C0006
Sales Executive	C0007
Human Resources Coordinator	C0008

Create table CustSkills(
    Cust_Skills varchar(50),
    Cust_ID varchar(5),

    CONSTRAINT skill_pk PRIMARY KEY (Cust_Skills),

```
        CONSTRAINT skill_fk FOREIGN KEY (Cust_ID) REFERENCES Customer
(Cust_ID)
);


INSERT INTO CustSkills(Cust_Skills,Cust_ID)
VALUES ('Communication Skills', 'Z0001');


INSERT INTO CustSkills(Cust_Skills,Cust_ID)
VALUES ('Problem-Solving', 'Z0002');


INSERT INTO CustSkills(Cust_Skills,Cust_ID)
VALUES ('Adaptability', 'Z0003');


INSERT INTO CustSkills(Cust_Skills,Cust_ID)
VALUES ('Active Listening', 'Z0004');


INSERT INTO CustSkills(Cust_Skills,Cust_ID)
VALUES ('Empathy', 'Z0005');


INSERT INTO CustSkills(Cust_Skills,Cust_ID)
VALUES ('Time Management', 'Z0006');


INSERT INTO CustSkills(Cust_Skills,Cust_ID)
VALUES ('Negotiation', 'Z0007');


INSERT INTO CustSkills(Cust_Skills,Cust_ID)
VALUES ('Technical Proficiency', 'Z0008');


INSERT INTO CustSkills(Cust_Skills,Cust_ID)
VALUES ('Conflict Resolution', 'Z0009');


INSERT INTO CustSkills(Cust_Skills,Cust_ID)
VALUES ('Customer Focus', 'Z0010');
```

```
INSERT INTO CustSkills(Cust_Skills,Cust_ID)
VALUES ('Patience', 'Z0011');

INSERT INTO CustSkills(Cust_Skills,Cust_ID)
VALUES ('Attention to Detail', 'Z0012');

INSERT INTO CustSkills(Cust_Skills,Cust_ID)
VALUES ('Creativity', 'Z0013');

INSERT INTO CustSkills(Cust_Skills,Cust_ID)
VALUES ('Interpersonal Skills', 'Z0014');

INSERT INTO CustSkills(Cust_Skills,Cust_ID)
VALUES ('Team Collaboration', 'Z0015');

INSERT INTO CustSkills(Cust_Skills,Cust_ID)
VALUES ('Stress Management', 'Z0016');

INSERT INTO CustSkills(Cust_Skills,Cust_ID)
VALUES ('Positive Attitude', 'Z0017');

INSERT INTO CustSkills(Cust_Skills,Cust_ID)
VALUES ('Analytical Thinking', 'Z0018');

INSERT INTO CustSkills(Cust_Skills,Cust_ID)
VALUES ('Multitasking', 'Z0019');

INSERT INTO CustSkills(Cust_Skills,Cust_ID)
VALUES ('Problem Resolution', 'Z0020');
```

CUST_SKILLS	CUST_ID
Communication Skills	Z0001
Problem-Solving	Z0002
Adaptability	Z0003
Active Listening	Z0004
Empathy	Z0005
Time Management	Z0006
Negotiation	Z0007
Technical Proficiency	Z0008

```
Create table Comp_Contact(
	Comp_Contact_Num varchar(50),
	Comp_ID varchar(5),

	CONSTRAINT compcontact_pk PRIMARY KEY (Comp_Contact_Num),
	CONSTRAINT compcontact_fk FOREIGN KEY (Comp_ID) REFERENCES
Company (Comp_ID)
);

INSERT INTO Comp_Contact(Comp_Contact_Num, Comp_ID)
VALUES ('012 456 7890','C0001');

INSERT INTO Comp_Contact(Comp_Contact_Num, Comp_ID)
VALUES ('011 233 4455','C0002');


INSERT INTO Comp_Contact(Comp_Contact_Num, Comp_ID)
VALUES ('017 876 5432','C0003');
```

```
INSERT INTO Comp_Contact(Comp_Contact_Num, Comp_ID)
VALUES ('014 578 9012','C0004');

INSERT INTO Comp_Contact(Comp_Contact_Num, Comp_ID)
VALUES ('013 875 4321','C0005');


INSERT INTO Comp_Contact(Comp_Contact_Num, Comp_ID)
VALUES ('019 235 6789','C0006');

INSERT INTO Comp_Contact(Comp_Contact_Num, Comp_ID)
VALUES ('010 875 4321','C0007');


INSERT INTO Comp_Contact(Comp_Contact_Num, Comp_ID)
VALUES ('016 542 1098','C0008');


INSERT INTO Comp_Contact(Comp_Contact_Num, Comp_ID)
VALUES ('018 346 7890','C0009');


INSERT INTO Comp_Contact(Comp_Contact_Num, Comp_ID)
VALUES ('015 679 0123','C0010');


INSERT INTO Comp_Contact(Comp_Contact_Num, Comp_ID)
VALUES ('012 346 2345','C0011');


INSERT INTO Comp_Contact(Comp_Contact_Num, Comp_ID)
VALUES ('011 986 5432','C0012');


INSERT INTO Comp_Contact(Comp_Contact_Num, Comp_ID)
VALUES ('017 875 4321','C0013');


INSERT INTO Comp_Contact(Comp_Contact_Num, Comp_ID)
VALUES ('014 245 6789','C0014');


INSERT INTO Comp_Contact(Comp_Contact_Num, Comp_ID)
```

VALUES ('013 578 9012','C0015');

INSERT INTO Comp_Contact(Comp_Contact_Num, Comp_ID)
VALUES ('019 865 4321','C0016');

INSERT INTO Comp_Contact(Comp_Contact_Num, Comp_ID)
VALUES ('010 542 1098','C0017');

INSERT INTO Comp_Contact(Comp_Contact_Num, Comp_ID)
VALUES ('016 876 4321','C0018');

INSERT INTO Comp_Contact(Comp_Contact_Num, Comp_ID)
VALUES ('018 234 6789','C0019');

INSERT INTO Comp_Contact(Comp_Contact_Num, Comp_ID)
VALUES ('015 876 4321','C0020');

COMP_CONTACT_NUM	COMP_ID
012 456 7890	C0001
011 233 4455	C0002
017 876 5432	C0003
014 578 9012	C0004
013 875 4321	C0005
019 235 6789	C0006
010 875 4321	C0007
016 542 1098	C0008

Create table Cust_Contact(
	Cust_Contact_Num varchar(50),
	Cust_ID varchar(5),

```
        CONSTRAINT custcontact_pk PRIMARY KEY (Cust_Contact_Num),
        CONSTRAINT skill_fk FOREIGN KEY (Cust_ID) REFERENCES Customer
(Cust_ID)
);


INSERT INTO Cust_Contact(Cust_Contact_Num, Cust_ID)
VALUES ('015 8765 432', 'Z0001');


INSERT INTO Cust_Contact(Cust_Contact_Num, Cust_ID)
VALUES ('018 2345 678', 'Z0002');


INSERT INTO Cust_Contact(Cust_Contact_Num, Cust_ID)
VALUES ('016 8765 432', 'Z0003');


INSERT INTO Cust_Contact(Cust_Contact_Num, Cust_ID)
VALUES ('010 5432 109', 'Z0004');


INSERT INTO Cust_Contact(Cust_Contact_Num, Cust_ID)
VALUES ('019 8765 432', 'Z0005');


INSERT INTO Cust_Contact(Cust_Contact_Num, Cust_ID)
VALUES ('013 5678 901', 'Z0006');


INSERT INTO Cust_Contact(Cust_Contact_Num, Cust_ID)
VALUES ('014 2345 678', 'Z0007');


INSERT INTO Cust_Contact(Cust_Contact_Num, Cust_ID)
VALUES ('017 8765 432', 'Z0008');


INSERT INTO Cust_Contact(Cust_Contact_Num, Cust_ID)
VALUES ('011 9876 543', 'Z0009');


INSERT INTO Cust_Contact(Cust_Contact_Num, Cust_ID)
VALUES ('012 3456 234', 'Z0010');
```

```
INSERT INTO Cust_Contact(Cust_Contact_Num, Cust_ID)
VALUES ('015 6789 023', 'Z0011');

INSERT INTO Cust_Contact(Cust_Contact_Num, Cust_ID)
VALUES ('018 3456 789', 'Z0012');

INSERT INTO Cust_Contact(Cust_Contact_Num, Cust_ID)
VALUES ('016 5432 109', 'Z0013');

INSERT INTO Cust_Contact(Cust_Contact_Num, Cust_ID)
VALUES ('010 8765 432', 'Z0014');

INSERT INTO Cust_Contact(Cust_Contact_Num, Cust_ID)
VALUES ('019 2345 678', 'Z0015');

INSERT INTO Cust_Contact(Cust_Contact_Num, Cust_ID)
VALUES ('013 8765 431', 'Z0016');

INSERT INTO Cust_Contact(Cust_Contact_Num, Cust_ID)
VALUES ('014 5678 909', 'Z0017');

INSERT INTO Cust_Contact(Cust_Contact_Num, Cust_ID)
VALUES ('017 9876 543', 'Z0018');

INSERT INTO Cust_Contact(Cust_Contact_Num, Cust_ID)
VALUES ('011 2233 445', 'Z0019');

INSERT INTO Cust_Contact(Cust_Contact_Num, Cust_ID)
VALUES ('012 3456 789', 'Z0020');
```

CUST_CONTACT_NUM	CUST_ID
015 8765 432	Z0001
018 2345 678	Z0002
016 8765 432	Z0003
010 5432 109	Z0004
019 8765 432	Z0005
013 5678 901	Z0006
014 2345 678	Z0007
017 8765 432	Z0008

Customer

```
create table Customer(
Cust_ID varchar2 (5),
Cust_Email varchar2 (50),
CONSTRAINT C_pk PRIMARY KEY ( Cust_ID,Cust_Email ),
CONSTRAINT cufk FOREIGN KEY(Cust_ID) REFERENCES CID(Cust_ID),
CONSTRAINT cus_fk FOREIGN KEY(Cust_Email) REFERENCES CEmail(Cust_Email)
);


INSERT INTO Customer VALUES ('Z0001', 'user1@example.com');
INSERT INTO Customer VALUES ('Z0002', 'john.doe@email.com');
INSERT INTO Customer(Cust_ID, Cust_Email) VALUES ('Z0003',
'alice.smith@email.com');
INSERT INTO Customer(Cust_ID, Cust_Email) VALUES ('Z0004', 'jdoe2022@email.com');
INSERT INTO Customer(Cust_ID, Cust_Email) VALUES ('Z0005',
'admin.user@email.com');
INSERT INTO Customer(Cust_ID, Cust_Email) VALUES ('Z0006', 'jane.doe@email.com');
INSERT INTO Customer(Cust_ID, Cust_Email) VALUES ('Z0007', 'test.user1@email.com');
INSERT INTO Customer(Cust_ID, Cust_Email) VALUES ('Z0008', 'user123@email.com');
INSERT INTO Customer(Cust_ID, Cust_Email) VALUES ('Z0009',
'guest.user@email.com');
INSERT INTO Customer(Cust_ID, Cust_Email) VALUES ('Z0010',
'newuser2022@email.com');
```

INSERT INTO Customer(Cust_ID, Cust_Email) VALUES ('Z0011', 'demo.user@email.com');
INSERT INTO Customer(Cust_ID, Cust_Email) VALUES ('Z0012', 'web.master@email.com');
INSERT INTO Customer(Cust_ID, Cust_Email) VALUES ('Z0013', 'power.user1@email.com');
INSERT INTO Customer(Cust_ID, Cust_Email) VALUES ('Z0014', 'tech.guru@email.com');

CUST_ID	CUST_EMAIL
Z0001	user1@example.com
Z0002	john.doe@email.com
Z0003	alice.smith@email.com
Z0004	jdoe2022@email.com
Z0005	admin.user@email.com
Z0006	jane.doe@email.com
Z0007	test.user1@email.com
Z0008	user123@email.com

```
create table CID(
Cust_ID varchar2 (5),
Cust_Name varchar2 (50),
Education varchar2 (50),
Comp_ID varchar2 (5),
StaffID varchar2 (5),
CONSTRAINT Cust_ID_pk PRIMARY KEY(Cust_ID),
CONSTRAINT comp_fk FOREIGN KEY(Comp_ID) REFERENCES CoID(Comp_ID),
CONSTRAINT Staff_id_fk FOREIGN KEY(StaffID) REFERENCES
ConsultantID(Consult_ID)
);

INSERT INTO CID VALUES ('Z0001', 'John Doe', 'Bachelor of Science', 'C0001', '1');
INSERT INTO CID VALUES ('Z0002', 'Alice Smith', 'Master of Business Administration',
'C0002', '2');
INSERT INTO CID VALUES ('Z0003', 'Bob Johnson', 'Bachelor of Arts', 'C0003', '3');
INSERT INTO CID VALUES ('Z0004', 'Emily Davis', 'Doctor of Medicine', 'C0004', '4');
```

INSERT INTO CID VALUES ('Z0005', 'Michael Wilson', 'Master of Science in Engineering', 'C0005', '5');
INSERT INTO CID VALUES ('Z0006', 'Sophia Brown', 'Bachelor of Computer Science', 'C0006', '6');
INSERT INTO CID VALUES ('Z0007', 'Daniel White', 'Master of Fine Arts', 'C0007', '7');
INSERT INTO CID VALUES ('Z0008', 'Olivia Johnson', 'Bachelor of Business Administration', 'C0008', '8');
INSERT INTO CID VALUES ('Z0009', 'Ethan Miller', 'Bachelor of Engineering', 'C0009', '1');
INSERT INTO CID VALUES ('Z0010', 'Ava Smith', 'Master of Computer Science', 'C0010', '2');
INSERT INTO CID VALUES ('Z0011', 'Liam Johnson', 'Bachelor of Arts', 'C0011', '3');
INSERT INTO CID VALUES ('Z0012', 'Emma Davis', 'Master of Business Administration', 'C0012', '4');
INSERT INTO CID VALUES ('Z0013', 'Noah Wilson', 'Bachelor of Science', 'C0013', '5');
INSERT INTO CID VALUES ('Z0014', 'Isabella Brown', 'Doctor of Medicine', 'C0014', '6');

CUST_ID	CUST_NAME	EDUCATION	COMP_ID	STAFFID
Z0001	John Doe	Bachelor of Science	C0001	1
Z0002	Alice Smith	Master of Business Administration	C0002	2
Z0003	Bob Johnson	Bachelor of Arts	C0003	3
Z0004	Emily Davis	Doctor of Medicine	C0004	4
Z0005	Michael Wilson	Master of Science in Engineering	C0005	5
Z0006	Sophia Brown	Bachelor of Computer Science	C0006	6
Z0007	Daniel White	Master of Fine Arts	C0007	7
Z0008	Olivia Johnson	Bachelor of Business Administration	C0008	8

create table CUser(
Cust_username varchar2(50),
Cust_password varchar2 (50),
CONSTRAINT cust_username_pk PRIMARY KEY (Cust_username)
);

INSERT INTO CUser VALUES ('user1', 'pass123');
INSERT INTO CUser VALUES ('john_doe', 'securePW456');
INSERT INTO CUser VALUES ('alice_smith', '12345pass');
INSERT INTO CUser VALUES ('jdoe2022', 'testpass789');
INSERT INTO CUser VALUES ('admin_user', 'adminPass123');
INSERT INTO CUser VALUES ('janedoe', 'janepassword');
INSERT INTO CUser VALUES ('test_user1', 'test1234');

INSERT INTO CUser VALUES ('user123', '9876userpass');
INSERT INTO CUser VALUES ('guest_user', 'welcomePass');
INSERT INTO CUser VALUES ('newuser2022', 'newpass@2022');
INSERT INTO CUser VALUES ('demo_user', 'demoPass567');
INSERT INTO CUser VALUES ('webmaster', 'webPass123');
INSERT INTO CUser VALUES ('poweruser1', 'powerpass!');
INSERT INTO CUser VALUES ('tech_guru', 'techPass789');
INSERT INTO CUser VALUES ('regular_user', 'regular123');
INSERT INTO CUser VALUES ('cool_dude', 'coolPass456');
INSERT INTO CUser VALUES ('dev_user', 'devPass123');
INSERT INTO CUser VALUES ('sample_user', 'samplePass789');
INSERT INTO CUser VALUES ('user456', '456userpass');
INSERT INTO CUser VALUES ('gaming_guru', 'gameOn!');

CUST_USERNAME	CUST_PASSWORD
user1	pass123
john_doe	securePW456
alice_smith	12345pass
jdoe2022	testpass789
admin_user	adminPass123
janedoe	janepassword
test_user1	test1234
user123	9876userpass

create table CEmail(
Cust_Email varchar2(50),
Cust_Username varchar2(50),
CONSTRAINT Cust_Email_pk PRIMARY KEY(Cust_Email),
CONSTRAINT Cust_Email_fk FOREIGN KEY (Cust_Username) REFERENCES
CUser(Cust_Username)
);

INSERT INTO CEmail VALUES ('user1@example.com', 'user1');
INSERT INTO CEmail VALUES ('john.doe@email.com', 'john_doe');
INSERT INTO CEmail VALUES ('alice.smith@email.com', 'alice_smith');
INSERT INTO CEmail VALUES ('jdoe2022@email.com', 'jdoe2022');
INSERT INTO CEmail VALUES ('admin.user@email.com', 'admin_user');
INSERT INTO CEmail VALUES ('jane.doe@email.com', 'janedoe');
INSERT INTO CEmail VALUES ('test.user1@email.com', 'test_user1');
INSERT INTO CEmail VALUES ('user123@email.com', 'user123');

```
INSERT INTO CEmail VALUES ('guest.user@email.com', 'guest_user');
INSERT INTO CEmail VALUES ('newuser2022@email.com', 'newuser2022');
INSERT INTO CEmail VALUES ('demo.user@email.com', 'demo_user');
INSERT INTO CEmail VALUES ('web.master@email.com', 'webmaster');
INSERT INTO CEmail VALUES ('power.user1@email.com', 'poweruser1');
INSERT INTO CEmail VALUES ('tech.guru@email.com', 'tech_guru');
INSERT INTO CEmail VALUES ('regular.user@email.com', 'regular_user');
INSERT INTO CEmail VALUES ('cool.dude@email.com', 'cool_dude');
INSERT INTO CEmail VALUES ('dev.user@email.com', 'dev_user');
INSERT INTO CEmail VALUES ('sample.user@email.com', 'sample_user');
INSERT INTO CEmail VALUES ('user456@email.com', 'user456');
INSERT INTO CEmail VALUES ('gaming.guru@email.com', 'gaming_guru');
```

CUST_USERNAME	CUST_PASSWORD
user1	pass123
john_doe	securePW456
alice_smith	12345pass
jdoe2022	testpass789
admin_user	adminPass123
janedoe	janepassword
test_user1	test1234
user123	9876userpass

Company CV

```
CREATE TABLE CompanyCV (
   CV_ID VARCHAR(5),
   Comp_ID VARCHAR(5),
   CONSTRAINT compcv_pk PRIMARY KEY (CV_ID, Comp_ID)
);

INSERT INTO CompanyCV (CV_ID, Comp_ID) VALUES ('CV001', 'C101');
INSERT INTO CompanyCV (CV_ID, Comp_ID) VALUES ('CV001', 'C102');
INSERT INTO CompanyCV (CV_ID, Comp_ID) VALUES ('CV002', 'C103');
INSERT INTO CompanyCV (CV_ID, Comp_ID) VALUES ('CV003', 'C104');
INSERT INTO CompanyCV (CV_ID, Comp_ID) VALUES ('CV004', 'C105');
INSERT INTO CompanyCV (CV_ID, Comp_ID) VALUES ('CV004', 'C106');
INSERT INTO CompanyCV (CV_ID, Comp_ID) VALUES ('CV005', 'C107');
INSERT INTO CompanyCV (CV_ID, Comp_ID) VALUES ('CV006', 'C108');
INSERT INTO CompanyCV (CV_ID, Comp_ID) VALUES ('CV007', 'C109');
INSERT INTO CompanyCV (CV_ID, Comp_ID) VALUES ('CV008', 'C110');
```

CV_ID	COMP_ID
CV001	C101
CV001	C102
CV002	C103
CV003	C104
CV004	C105
CV004	C106
CV005	C107
CV006	C108
CV007	C109
CV008	C110

```
CREATE TABLE StaffContact
(
   StaffID VARCHAR2 (5),
   Telephone VARCHAR2 (50) PRIMARY KEY,
   CONSTRAINT stfco_fk FOREIGN KEY (StaffID) REFERENCES ConsultantID(Staff_ID),
   CONSTRAINT stfad_fk FOREIGN KEY (StaffID) REFERENCES AdminID(Staff_ID),
   CONSTRAINT stfco_fk FOREIGN KEY (StaffID) REFERENCES ConsultantID(Staff_ID)
);
```

```
INSERT INTO Staff_Contact(Staff_Contact_Num, Staff_ID)
VALUES ('015 8765 432', 'Z0001');

INSERT INTO Staff_Contact(Staff_Contact_Num, Staff_ID)
VALUES ('018 2345 678', 'Z0002');

INSERT INTO Staff_Contact(Staff_Contact_Num, Staff_ID)
VALUES ('016 8765 432', 'Z0003');

INSERT INTO Staff_Contact(Staff_Contact_Num, Staff_ID)
VALUES ('010 5432 109', 'Z0004');

INSERT INTO Staff_Contact(Staff_Contact_Num, Staff_ID)
VALUES ('019 8765 432', 'Z0005');

INSERT INTO Staff_Contact(Staff_Contact_Num, Staff_ID)
VALUES ('013 5678 901', 'Z0006');

INSERT INTO Staff_Contact(Staff_Contact_Num, Staff_ID)
```

```
VALUES ('014 2345 678', 'Z0007');

INSERT INTO Staff_Contact(Staff_Contact_Num, Staff_ID)
VALUES ('017 8765 432', 'Z0008');

INSERT INTO Staff_Contact(Staff_Contact_Num, Staff_ID)
VALUES ('011 9876 543', 'Z0009');

INSERT INTO Staff_Contact(Staff_Contact_Num, Staff_ID)
VALUES ('012 3456 234', 'Z0010');

INSERT INTO Staff_Contact(Staff_Contact_Num, Staff_ID)
VALUES ('015 6789 023', 'Z0011');

INSERT INTO Staff_Contact(Staff_Contact_Num, Staff_ID)
VALUES ('018 3456 789', 'Z0012');

INSERT INTO Staff_Contact(Staff_Contact_Num, Staff_ID)
VALUES ('016 5432 109', 'Z0013');

INSERT INTO Staff_Contact(Staff_Contact_Num, Staff_ID)
VALUES ('010 8765 432', 'Z0014');

INSERT INTO Staff_Contact(Staff_Contact_Num, Staff_ID)
VALUES ('019 2345 678', 'Z0015');

INSERT INTO Staff_Contact(Staff_Contact_Num, Staff_ID)
VALUES ('013 8765 431', 'Z0016');

INSERT INTO Staff_Contact(Staff_Contact_Num, Staff_ID)
VALUES ('014 5678 909', 'Z0017');

INSERT INTO Staff_Contact(Staff_Contact_Num, Staff_ID)
```

VALUES ('017 9876 543', 'Z0018');

INSERT INTO Staff_Contact(Staff_Contact_Num, Staff_ID)
VALUES ('011 2233 445', 'Z0019');

INSERT INTO Staff_Contact(Staff_Contact_Num, Staff_ID)
VALUES ('012 3456 789', 'Z0020');

STAFF_CONTACT_NUM	STAFF_ID
015 8765 432	Z0001
018 2345 678	Z0002
016 8765 432	Z0003
010 5432 109	Z0004
019 8765 432	Z0005
013 5678 901	Z0006
014 2345 678	Z0007
017 8765 432	Z0008

8.0 Queries

SELECT ad.admin_id AS "Admin ID" , adm.Staff_Name AS "Admin Name" , q.question_description AS "Question" , a.answer_description AS "Answer"

FROM AdminQA ad

JOIN AdminID adm ON (ad.admin_id = adm.Staff_ID)

JOIN Question q ON (q.question_id = ad.que_id)

JOIN Answer a ON (a.answer_id = ad.ans_id);

	Admin ID	Admin Name	Question	Answer
1	X0001	John Doe	What are the payment methods available	There are two payment methods available
2	X0002	Jane Smith	How can I customize my CV	We offer a variety of CV templates, including professional, modern, and creative styles
3	X0003	Mike Jones	Can I import my LinkedIn profile	You can customize your CV
4	X0004	Sarah White	How do I export my CV	You can import your LinkedIn profile to quickly create a CV
5	X0005	Robert Green	Can I track how many people viewed my CV	You can export your CV in PDF format

SELECT qaa.quest_id AS "Question Id" , q.question_description AS "Question" , qaa.ans_id AS "Answer Id" , a.answer_description AS "Answer"

FROM QA qaa

JOIN Question q ON (q.question_id = qaa.quest_id)

JOIN Answer a ON (a.answer_id = qaa.ans_id);

	Question Id	Question	Answer Id	Answer
1	Q0001	What are the payment methods available	A0001	There are two payment methods available
2	Q0002	How can I customize my CV	A0002	We offer a variety of CV templates, including professional, modern, and creative styles
3	Q0003	Can I import my LinkedIn profile	A0003	You can customize your CV
4	Q0004	How do I export my CV	A0004	You can import your LinkedIn profile to quickly create a CV
5	Q0005	Can I track how many people viewed my CV	A0005	You can export your CV in PDF format
6	Q0006	Is there a limit to how many CVs I can create	A0006	We provide a feature that allows you to track how many people viewed your CV
7	Q0007	Can I add a photo to my CV	A0007	There is no limit to how many CVs you can create
8	Q0008	How do I add references to my CV	A0008	You can add a photo to your CV
9	Q0009	Can I change the font and color scheme of my CV	A0009	You can add references to your CV in the references section
10	Q0010	How do I delete my CV	A0010	You can change the font and color scheme of your CV
11	Q0011	Can I share my CV on social media	A0011	You can delete your CV from the dashboard
12	Q0012	How do I add a cover letter to my CV	A0012	You can share your CV on social media platforms
13	Q0013	Can I save my CV as a PDF	A0013	You can add a cover letter to your CV in the cover letter section
14	Q0014	How do I add my educational background	A0014	You can save your CV as a PDF
15	Q0015	How do I add my work experience	A0015	You can add your educational background in the education section
16	Q0016	Can I add a skills section to my CV	A0016	You can add your work experience in the experience section
17	Q0017	How do I add languages to my CV	A0017	You can add a skills section to your CV
18	Q0018	Can I add certifications to my CV	A0018	You can add languages to your CV in the languages section
19	Q0019	How do I add volunteer work to my CV	A0019	You can add certifications to your CV
20	Q0020	Can I add a hobbies section to my CV	A0020	You can add volunteer work to your CV in the volunteer work section

9.0 Summary

In this phase we have created the Data Flow Diagram of the “To Be” system which has the context diagram , 0 diagram and the child diagrams.we also identify the proposed business rule , data requirements , transaction requirement , both conceptual and enhanced ERD and finally the data dictionary.In this “To Be” system we have added all the new features to support the current system and overcome the problem faced by the current system.

Hence by completing this phase , we have identified the structure of the new system which has the automated CV template forwarding feature , a platform for the admins to share information on a regular basis , a platform for communication between the admins and users , a library system for the companies to headhunt for talented workers and consultants to consult users.Thus this well structured system design plays an important role for the new system to work more efficiently than the current system and satisfy the customer more.

10.0 Reference

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2) Chang, H., Xu, H., van Genabith, J., Xiong, D., & Zan, H. (2023). JoinER-BART: Joint Entity and Relation Extraction with Constrained Decoding, Representation Reuse and Fusion. IEEE/ACM Transactions on Audio, Speech, and Language Processing.

3) Sehgal, S., Gupta, R. S., Wlodarski, M., Bilaver, L. A., Wehbe, F. H., Spergel, J. M., ... & Starren, J. B. (2022). Development of Food Allergy Data Dictionary: toward a food allergy data commons. The Journal of Allergy and Clinical Immunology: In Practice, 10(6), 1614-1621.