

# Unique Identity Management System

DBMS Assignment 1

1602-18-737-111

Ayaz

## **ABSTRACT:-**

1602-18-737-111

Ayaz

Unique identity Management (or ID management, or simply UIdM) is a broad administrative area that deals with identifying individuals in a system (such as a country, a network, or an organization) and controlling access to the resources in that system by placing

restrictions on the established identities of the individuals. "Identity Management" and "Access

and Identity Management" (or "AIM") are terms that are used interchangeably under the umbrella of Identity Management.

### **REQUIREMENT ANALYSIS:-** 1)Company

table:

Designation: varchar

Salary: number

Experience:number

Company name:varchar

Empid:number

Uid:number

2)Person table:

Address:varchar

Name:varchar

Uid:number

Gender:varchar

Dob:date

3)Institution table:

Course: varchar

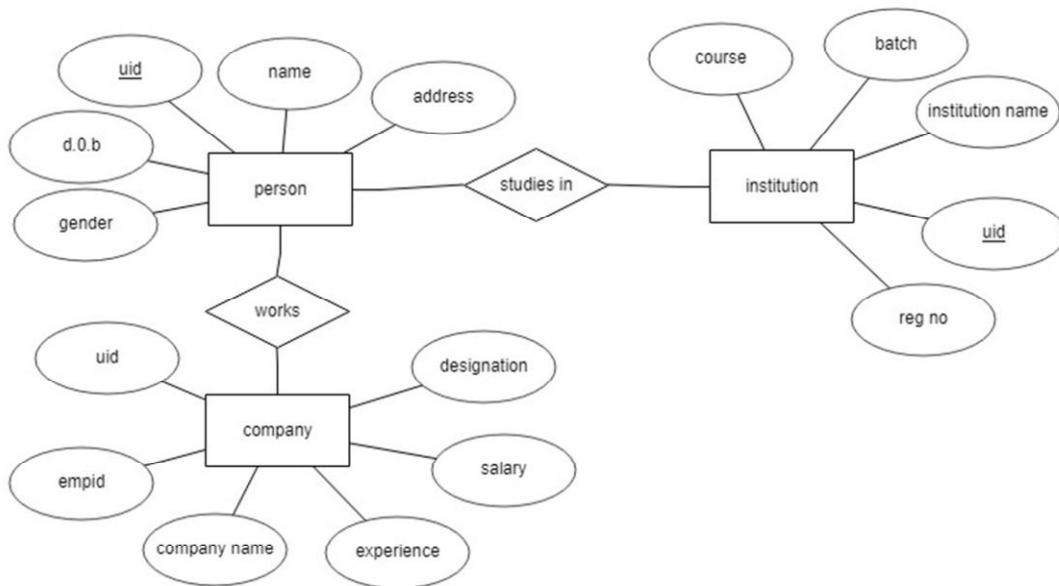
Batch:number

Institution name : varchar

Uid: number

Registration:number

### **ER Diagram:**



### **DDL COMMANDS:-**

SQL> ed

Wrote file afiedt.buf

```
1 create table institution(  
2   course varchar2(10),  
3   batch number(10),  
4   iname varchar(20),  
5   u_id number(15)primary key,  
6*  regno number(10))  
  
SQL> /
```

Table created.

```
SQL> desc institution;
```

Name	Null?	Type
-----		
-----		
COURSE		VARCHAR2(10)
BATCH		NUMBER(10)
INAME		VARCHAR2(20)



```
SQL> desc person;
```

Name	Null?	Type
-----		
-----		
ADDRESS		VARCHAR2(20)
NAME		VARCHAR2(20)
U_ID	NOT NULL	
NUMBER(10)		
GENDER		VARCHAR2(20)
DOB		DATE

```
SQL> create table company(  
2  destination varchar(20),  
3  salary number(10),  
4  experience number(10),
```

```
5 cname varchar(20), 6 empid number(10),  
7 u_id number(10));
```

Table created.

```
SQL> desc company;
```

Name	Null?	Type
-----		
-----		
DESTINATION		
VARCHAR2(20)		
SALARY		NUMBER(10)
EXPERIENCE		NUMBER(10)
CNAME		VARCHAR2(20)
EMPID		NUMBER(10)
U_ID		NUMBER(10)



```
SQL> ed
```

Wrote file afiedt.buf

```
1 create table studies(  
2 u_id number(10),  
3 primary key(u_id),  
4* foreign key(u_id)references institution(u_id))
```

```
SQL> /
```

Table created.

```
SQL> desc studies;
```

Name	Null?	Type
------	-------	------

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U_ID	NOT NULL	
------	----------	--

NUMBER(10)

DML commands:

```
SQL> insert into institution  
values('&course',&batch,'&iname',&u_id,&regno);
```

Enter value for course: be

Enter value for batch: 1

Enter value for iname: ayaz

Enter value for u\_id: 10

Enter value for regno: 21

old 1: insert into institution

```
values('&course',&batch,'&iname',&u_id,&regno)
```

new 1: insert into institution

```
values('be',1,'ayaz',10,21)
```

1 row created.

```
SQL> /
```

Enter value for course: be

Enter value for batch: 2

Enter value for iname: vishwanath

Enter value for u\_id: 11

Enter value for regno: 22

old 1: insert into institution

values('&course',&batch,'&iname',&u\_id,&regno)

new 1: insert into institution

values('be',2,'vishwanath',11,22)

1 row created.

SQL> /

Enter value for course: be

Enter value for batch: 3

Enter value for iname: rohith sharma

Enter value for u\_id: 13

Enter value for regno: 24

old 1: insert into institution

values('&course',&batch,'&iname',&u\_id,&regno)

new 1: insert into institution values('be',3,'rohith sharma',13,24)

1 row created.

SQL> /

Enter value for course: be

Enter value for batch: 4

Enter value for iname: virat kholi

Enter value for u\_id: 14

Enter value for regno: 25

old 1: insert into institution

values('&course',&batch,'&iname',&u\_id,&regno)

new 1: insert into institution values('be',4,'virat  
kholi',14,25)

1 row created.

SQL> select \* from institution;

COURSE	BATCH	INAME	U_ID	REGNO
be	1	ayaz	10	21
be	2	vishwanath	11	22
be	3	rohith sharma	13	24
be	4	virat kholi	14	25

person table:

```
insert into person  
values('&address','&name',&u_id,'&gender','&dob'  
);
```

SQL> /

Enter value for address: A-739 bdl

Enter value for name: ayaz

Enter value for u\_id: 10

Enter value for gender: male

Enter value for dob: 25-OCT-2000

old 1: insert into person

```
values('&address','&name',&u_id,'&gender','&dob'  
)
```

```
new 1: insert into person values('A-739  
bdl','ayaz',10,'male','25-OCT-2000')
```

1 row created.

SQL> /

Enter value for address: A-126 bdl

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Enter value for name: vishwanath

Enter value for u\_id: 11

Enter value for gender: male

Enter value for dob: 10-MAR-2000

old 1: insert into person

values('&address','&name',&u\_id,'&gender','&dob'  
)

new 1: insert into person values('A-126  
bdl','vishwanath',11,'male','10-MAR-2000')

1 row created.

SQL> /

Enter value for address: mumbai

Enter value for name: rohith sharma

Enter value for u\_id: 13

Enter value for gender: male

Enter value for dob: 29-APR-1988

old 1: insert into person

values('&address','&name',&u\_id,'&gender','&dob'  
)

```
new 1: insert into person values('mumbai','rohith  
sharma',13,'male','29-APR-1988')
```

1 row created.

```
SQL> /
```

Enter value for address: delhi

Enter value for name: virat kholi

Enter value for u\_id: 14

Enter value for gender: male

Enter value for dob: 9-NOV-1991

```
old 1: insert into person  
values('&address','&name',&u_id,'&gender','&dob'  
)
```

```
new 1: insert into person values('delhi','virat  
kholi',14,'male','9-NOV-1991')
```

1 row created.

```
SQL> select * from person;
```

ADDRESS	NAME	U_ID	GENDER
1602-18-737-111	Ayaz		

-----

----

DOB

-----

A-739 bdl	ayaz	10 male
25-OCT-00		

A-126 bdl	vishwanath	11 male
10-MAR-00		

mumbai	rohith sharma	13 male
29-APR-88		

ADDRESS	NAME	U_ID GENDER
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DOB

-----

delhi	virat kholi	14 male
09-NOV-91		



Company table:

```
SQL> insert into company  
values('&destination',&salary,&experience,'&cnam  
e',&empid,&u_id);
```

Enter value for destination: manager

Enter value for salary: 100000

Enter value for experience: 5

Enter value for cname: delloite

Enter value for empid: 77

Enter value for u\_id: 10

```
old 1: insert into company  
values('&destination',&salary,&experience,'&cnam  
e',&empid,&u_id)
```

```
new 1: insert into company  
values('manager',100000,5,'delloite',77,10)
```

1 row created.

SQL> /

Enter value for destination: director

Enter value for salary: 1000000

Enter value for experience: 6

Enter value for cname: microsoft

Enter value for empid: 78

Enter value for u\_id: 11

old 1: insert into company

values('&destination',&salary,&experience,'&cname',&empid,&u\_id)

new 1: insert into company

values('director',1000000,6,'microsoft',78,11)

1 row created.

SQL> /

Enter value for destination: accountant

Enter value for salary: 50000

Enter value for experience: 4

Enter value for cname: oracle

Enter value for empid: 79

Enter value for u\_id: 13

```
old 1: insert into company
values('&destination',&salary,&experience,'&cname',&empid,&u_id)
new 1: insert into company
values('accountant',50000,4,'oracle',79,13)
```

1 row created.

```
SQL> select * from company;
```

DESIGNATION	SALARY	EXPERIENCE	CNAME
EMPID			

-----

-----

U\_ID

-----

manager	100000	5	delloite
---------	--------	---	----------

77

10

director	1000000	6	microsoft
----------	---------	---	-----------

78

11

accountant                      50000                      4 oracle

79

13