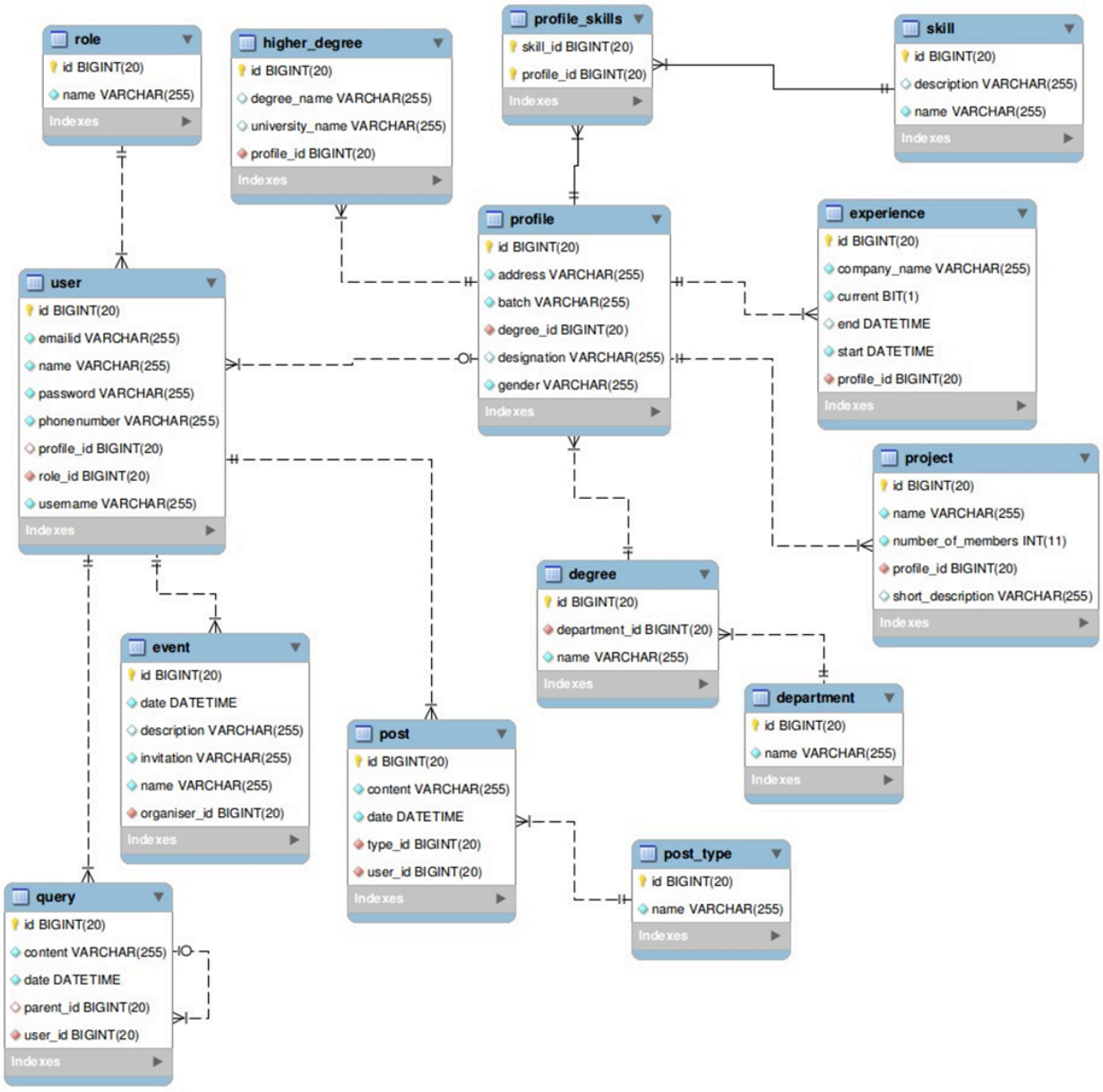
DDL DML




```
CREATE  TABLE  role  (
   id   BIGINT(20) NOT NULL  ,
        name   VARCHAR(255) NOT NULL ,
```

```
 PRIMARY KEY (  id  ) )
 ;

CREATE  TABLE IF NOT EXISTS skill   (
   id   number(20) NOT NULL AUTO_INCREMENT ,
   description   VARCHAR2(255) NULL DEFAULT NULL ,
   name   VARCHAR(255) NOT NULL ,
 PRIMARY KEY (  id  ) )
 ;

CREATE  TABLE IF NOT EXISTS  post_type   (
   id   BIGINT(20) NOT NULL AUTO_INCREMENT ,
   name   VARCHAR(255) NOT NULL ,
 PRIMARY KEY (  id  ) )
 ;

CREATE  TABLE IF NOT EXISTS department   (
   id   BIGINT(20) NOT NULL AUTO_INCREMENT ,
   name   VARCHAR(255) NOT NULL ,
 PRIMARY KEY (  id  ) )
 ;


CREATE  TABLE IF NOT EXISTS degree   (
   id   BIGINT(20) NOT NULL AUTO_INCREMENT ,
   department_id   BIGINT(20) NOT NULL ,
   name   VARCHAR(255) NOT NULL ,
 PRIMARY KEY (  id  ) ,
  FOREIGN KEY(department_id) references department(id))
 ;

CREATE  TABLE IF NOT EXISTS profile   (
   id   BIGINT(20) NOT NULL AUTO_INCREMENT ,
   address   VARCHAR(255) NOT NULL ,
   batch   VARCHAR(255) NOT NULL ,
   degree_id   BIGINT(20) NOT NULL ,
   designation   VARCHAR(255) NULL DEFAULT NULL ,
   gender   VARCHAR(255) NOT NULL ,
   PRIMARY KEY (  id  ) ,
  FOREIGN KEY(degree_id) references degree(id) )
 ;

CREATE  TABLE IF NOT EXISTS experience   (
   id   BIGINT(20) NOT NULL AUTO_INCREMENT ,
```

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    company_name   VARCHAR(255) NOT NULL ,
    current   BIT(1) NOT NULL ,
    end   DATETIME NULL DEFAULT NULL ,
    start   DATETIME NOT NULL ,
    profile_id   BIGINT(20) NOT NULL ,
  PRIMARY KEY (  id  ) ,
  FOREIGN KEY(profile_id) references profile(id) )
  ;

CREATE  TABLE IF NOT EXISTS project   (
    id   BIGINT(20) NOT NULL AUTO_INCREMENT ,
    name   VARCHAR(255) NOT NULL ,
    number_of_members   INT(11) NOT NULL ,
    profile_id   BIGINT(20) NOT NULL ,
    short_description   VARCHAR(255) NULL DEFAULT NULL ,
  PRIMARY KEY (  id  ) ,
  FOREIGN KEY(profile_id) references profile(id) )
  ;

CREATE  TABLE IF NOT EXISTS profile_skills   (
    skill_id   BIGINT(20) NOT NULL ,
    profile_id   BIGINT(20) NOT NULL ,
  PRIMARY KEY (  profile_id  ,   skill_id  ) ,
 FOREIGN KEY(profile_id) references profile(id),
  FOREIGN KEY(skill_id) references skill(id) )
  ;

CREATE  TABLE IF NOT EXISTS user   (
    id   BIGINT(20) NOT NULL AUTO_INCREMENT ,
    emailid   VARCHAR(255) NOT NULL ,
    name   VARCHAR(255) NOT NULL ,
    password   VARCHAR(255) NOT NULL ,
    phonenumber   VARCHAR(255) NOT NULL ,
    profile_id   BIGINT(20) NULL DEFAULT NULL ,
    role_id   BIGINT(20) NOT NULL ,
    username   VARCHAR(255) NOT NULL ,
  PRIMARY KEY (  id  ) ,
  FOREIGN KEY(profile_id) references profile(id),
  FOREIGN KEY(role_id) references role(id) )
  ;

CREATE  TABLE IF NOT EXISTS query   (
    id   BIGINT(20) NOT NULL AUTO_INCREMENT ,
    content   VARCHAR(255) NOT NULL ,
```

```
    date   DATETIME NOT NULL ,
    parent_id   BIGINT(20) NULL DEFAULT NULL ,
    user_id   BIGINT(20) NOT NULL ,
  PRIMARY KEY (  id  ) ,
  FOREIGN KEY(user_id) references user(id),
  FOREIGN KEY(parent_id) references query(id) )
  ;

CREATE  TABLE IF NOT EXISTS event   (
    id   BIGINT(20) NOT NULL AUTO_INCREMENT ,
    date   DATETIME NOT NULL ,
    description   VARCHAR(255) NULL DEFAULT NULL ,
    invitation   VARCHAR(255) NOT NULL ,
    name   VARCHAR(255) NOT NULL ,
    organiser_id   BIGINT(20) NOT NULL ,
  PRIMARY KEY (  id  ) ,
   FOREIGN KEY(organiser_id) references user(id) )
  ;

CREATE  TABLE IF NOT EXISTS  post   (
    id   BIGINT(20) NOT NULL AUTO_INCREMENT ,
    content   VARCHAR(255) NOT NULL ,
    date   DATETIME NOT NULL ,
    type_id   BIGINT(20) NOT NULL ,
    user_id   BIGINT(20) NOT NULL ,
  PRIMARY KEY (  id  ) ,
   FOREIGN KEY(type_id) references post_type(id),
  FOREIGN KEY(user_id) references user(id) )
  ;


insert into role(name) values('Admin');
insert into role(name) values('Student');
insert into role(name) values('Alumni');
insert into role(name) values('Faculty');
insert into role(name) values('Alumni Coordinator');
insert into role(name) values('Management');
insert into role(name) values('Guest');

insert into skill(name, description) values('Programming', 'C/C++/Java');
insert into skill(name, description) values('Verilog', 'Hardware Description Language');
insert into skill(name) values('CAD');
insert into skill(name) values('CATIA');
insert into skill(name) values('Web Design');
```

```
insert into skill(name, description) values('SQL', 'Query Language');
insert into skill(name) values('MATLAB');
insert into skill(name) values('J2EE');
insert into skill(name) values('ProE');


insert into department(name) values('IT');
insert into department(name) values('CSE');
insert into department(name) values('ECE');
insert into department(name) values('EEE');
insert into department(name) values('Applied Sciences');
insert into department(name) values('MECH');
insert into department(name) values('CIVIL');
insert into department(name) values('Textile Engg');

insert into degree(department_id, name) values(2, 'BE_CSE');
insert into degree(department_id, name) values(2, 'ME_CSE');
insert into degree(department_id, name) values(2, 'BE_SE');
insert into degree(department_id, name) values(5, 'BSC_CT');
insert into degree(department_id, name) values(1, 'BTECH_IT');
insert into degree(department_id, name) values(1, 'MTECH_IT');
insert into degree(department_id, name) values(5, 'BSC_IT');
insert into degree(department_id, name) values(3, 'BE_ECE');
insert into degree(department_id, name) values(3, 'ME_ECE');
insert into degree(department_id, name) values(3, 'ME_VLSI');
insert into degree(department_id, name) values(4, 'BE_EEE');
insert into degree(department_id, name) values(4, 'ME_EEE');
insert into degree(department_id, name) values(6, 'BE_MECH');
insert into degree(department_id, name) values(6, 'ME_EnggDesign');
insert into degree(department_id, name) values(7, 'ME_AppliedMech');

insert into profile(gender, designation, batch, address, degree_id) values ('Female', 'Project
    Manager', '2008', '1, AMC, PN Palayam, Coimbatore-37', 1);
insert into profile(gender, designation, batch, address, degree_id) values ('Female', 'Project
    Manager', '2008', '8, LMC, KK Pudhur, Coimbatore-48', 2);
insert into profile(gender, designation, batch, address, degree_id) values ('Male', 'Project Manager',
    '2005', '88, 1st cross, MG Road, Bangalore-57', 3);
insert into profile(gender, designation, batch, address, degree_id) values ('Female', 'Project Leader',
    '2000', '98, 1st cross, Annai Theresa Road, Kolkata-77', 3);
insert into profile(gender, designation, batch, address, degree_id) values ('Male', 'Software
    Engineer', '2012', '100, 11st cross, Gandhi Nagar, Chennai-77', 4);
insert into profile(gender, designation, batch, address, degree_id) values ('Male', 'Trainee Engineer',
    '2013', '81, 9th cross lane, Gangothri, Mysore-77', 8);
```

```
insert into profile(gender, designation, batch, address, degree_id) values ('Female', 'VLSI Engineer',
    '2008', '99, KK Street, Amphi Nagar, Chennai-28', 9);
insert into profile(gender, designation, batch, address, degree_id) values ('Male', 'Senior Software
    Engineer', '2012', '1, AMC, PN Palayam, Coimbatore-37', 1);
insert into profile(gender, designation, batch, address, degree_id) values ('Female', 'Project
    Manager', '2009', '8, MMC, PK Pudhur, Coimbatore-48', 2);
insert into profile(gender, designation, batch, address, degree_id) values ('Female', 'Project Leader',
    '2008', '76, 11th Street, Lakshmi Nagar, Trichy-57', 3);
insert into profile(gender, designation, batch, address, degree_id) values ('Male', 'Project Manager',
    '2002', '8, AMC, PN Palayam, Coimbatore-37', 1);
insert into profile(gender, designation, batch, address, degree_id) values ('Female', 'Project
    Manager', '2004', '18, LMC, KK Pudhur, Coimbatore-48', 5);
insert into profile(gender, designation, batch, address, degree_id) values ('Male', 'Project Manager',
    '2008', '48, 1st cross, MG Road, Bangalore-57', 4);
insert into profile(gender, designation, batch, address, degree_id) values ('Female', 'Project Leader',
    '2008', '78, 1st cross, Annai Theresa Road, Kolkata-77', 3);
insert into profile(gender, designation, batch, address, degree_id) values ('Female', 'Software
    Engineer', '2013', '105, 11st cross, Gandhi Nagar, Chennai-77', 4);
insert into profile(gender, designation, batch, address, degree_id) values ('Female', 'Trainee
    Engineer', '2013', '11, 9th cross lane, Gangothri, Mysore-77', 5);
insert into profile(gender, designation, batch, address, degree_id) values ('Female', 'VLSI Engineer',
    '2011', '98, KK Street, Amphi Nagar, Chennai-28', 10);
insert into profile(gender, designation, batch, address, degree_id) values ('Male', 'Senior Software
    Engineer', '2010', '101, AMC, PN Palayam, Coimbatore-37', 1);
insert into profile(gender, designation, batch, address, degree_id) values ('Female', 'Project
    Manager', '2009', '80, MMC, PK Pudhur, Coimbatore-48', 2);
insert into profile(gender, designation, batch, address, degree_id) values ('Male', 'Project Leader',
    '2002', '761, 11th Street, Lakshmi Nagar, Trichy-57', 3);
insert into profile(gender, designation, batch, address, degree_id) values ('Male', 'Senior Software
    Engineer', '2008', '19, AMC, PN Palayam, Coimbatore-37', 1);
insert into profile(gender, designation, batch, address, degree_id) values ('Male', 'Project Manager',
    '2008', '61, AMC, PN Palayam, Coimbatore-37', 4);
insert into profile(gender, designation, batch, address, degree_id) values ('Male', 'Project Manager',
    '1999', '610, AMC, PNP Nagar, Coimbatore-37', 1);
insert into profile(gender, designation, batch, address, degree_id) values ('Male', 'Senior CAD
    Engineer', '2008', '24, AMC, PN Palayam, Coimbatore-37', 13);
insert into profile(gender, designation, batch, address, degree_id) values ('Male', 'Site Engineer',
    '2010', '25, AMC, PN Palayam, Coimbatore-37', 14);
insert into profile(gender, designation, batch, address, degree_id) values ('Male', 'Regional
    Manager', '1999', '26, AMC, PNP Nagar, Coimbatore-37', 15);
insert into profile(gender, designation, batch, address, degree_id) values ('Male', 'System Manager',
    '2008', '27, AMC, PNP Nagar, Coimbatore-37', 4);
insert into profile(gender, designation, batch, address, degree_id) values ('Female', 'Secretary',
    '1998', '28, AMC, PNP Nagar, Coimbatore-37', 4);
```

```
insert into user(name, username, password, phonenumber, emailid, role_id, profile_id)
    values('Ram', 'user101', 'amphi1123', '1987023456', 'ram@yahoo.in',3,5);
insert into user(name, username, password, phonenumber, emailid, role_id, profile_id)
    values('Ramaa', 'user102', 'amphi1231', '1887023456', 'rama@hotmail.com',3,4);
insert into user(name, username, password, phonenumber, emailid, role_id, profile_id)
    values('Samuel', 'user103', 'amphi1321', '1234569800', 'sam@gmail.com',3,3);
insert into user(name, username, password, phonenumber, emailid, role_id, profile_id)
    values('Kavithaa', 'user104', 'amphi1567', '1111193459', 'kavitha@lycos.com',3,2);
insert into user(name, username, password, phonenumber, emailid, role_id, profile_id)
    values('Anithaa', 'user105', 'amphi1777', '1708912345', 'anitha@gmail.com',3,1);
insert into user(name, username, password, phonenumber, emailid, role_id, profile_id)
    values('Jaya', 'user106', 'amphi1482', '1887023451', 'jayaa@yahoo.in',3,10);
insert into user(name, username, password, phonenumber, emailid, role_id, profile_id)
    values('Priyaa', 'user107', 'amphi1111', '1234561234', 'priya123@gmail.com',3,9);
insert into user(name, username, password, phonenumber, emailid, role_id, profile_id)
    values('Jeyan', 'user108', 'amphi1489', '1887023451', 'jayan@yahoo.in',3,8);
insert into user(name, username, password, phonenumber, emailid, role_id, profile_id)
    values('Jeyanthi', 'user109', 'amphi19', '1887023451', 'jayanthi@yahoo.in',3,7);
insert into user(name, username, password, phonenumber, emailid, role_id, profile_id)
    values('Manian', 'user110', 'amphi110', '1883423451', 'mani@gmail.com',3,6);
insert into user(name, username, password, phonenumber, emailid, role_id, profile_id)
    values('Navin', 'user111', 'amphi111', '1113423451', 'naveen@gmail.com',3,20);
insert into user(name, username, password, phonenumber, emailid, role_id, profile_id)
    values('Oviiya', 'user112', 'amphi112', '1123423451', 'oviya@gmail.com',3,19);
insert into user(name, username, password, phonenumber, emailid, role_id, profile_id)
    values('Pratheep', 'user113', 'amphi113', '1133423451', 'pradeep@gmail.com',3,18);
insert into user(name, username, password, phonenumber, emailid, role_id, profile_id)
    values('Reeta', 'user114', 'amphi114', '1143423451', 'rita@gmail.com',3,17);
insert into user(name, username, password, phonenumber, emailid, role_id, profile_id)
    values('Siindhu', 'user115', 'amphi115', '1153423451', 'sindhu@gmail.com',3,16);
insert into user(name, username, password, phonenumber, emailid, role_id, profile_id)
    values('Teena', 'user116', 'amphi116', '1163423451', 'tina@gmail.com',3,15);
insert into user(name, username, password, phonenumber, emailid, role_id, profile_id)
    values('Umaa', 'user117', 'amphi117', '1173423451', 'uma@gmail.com',3,14);
insert into user(name, username, password, phonenumber, emailid, role_id, profile_id)
    values('Vineth', 'user118', 'amphi118', '1183423451', 'vinith@gmail.com',3,13);
insert into user(name, username, password, phonenumber, emailid, role_id, profile_id)
    values('Veenaa', 'user119', 'amphi119', '1193423451', 'veena@gmail.com',3,12);
insert into user(name, username, password, phonenumber, emailid, role_id, profile_id)
    values('Yasar', 'user120', 'amphi120', '1203423451', 'yazar@gmail.com',3,11);
insert into user(name, username, password, phonenumber, emailid, role_id, profile_id)
    values('Baalaji', 'user121', 'amphi121', '1213423451', 'balaji@gmail.com',3,26);
```

```
insert into user(name, username, password, phonenumber, emailid, role_id, profile_id)
    values('Clinton', 'user122', 'amphi122', '1223423451', 'clinton@gmail.com',3,25);
insert into user(name, username, password, phonenumber, emailid, role_id, profile_id)
    values('Deepan', 'user123', 'amphi123', '1233423451', 'dheepan@gmail.com',3,24);
insert into user(name, username, password, phonenumber, emailid, role_id, profile_id)
    values('Loganath', 'user124', 'amphi124', '1243423451', 'balaji@gmail.com',3,23);
insert into user(name, username, password, phonenumber, emailid, role_id, profile_id)
    values('Pravin', 'user125', 'amphi125', '1253423451', 'praveen@gmail.com',3,22);
insert into user(name, username, password, phonenumber, emailid, role_id, profile_id)
    values('Rameesh', 'user126', 'amphi126', '1263423451', 'ramesh@gmail.com',3,21);
insert into user(name, username, password, phonenumber, emailid, role_id) values('Rathesh',
    'user127', 'amphi127', '1273423451', 'rathish@gmail.com',2);
insert into user(name, username, password, phonenumber, emailid, role_id) values('Radhaa',
    'user128', 'amphi128', '1283423451', 'balaji@gmail.com',2);
insert into user(name, username, password, phonenumber, emailid, role_id) values('Thaamarai',
    'user129', 'amphi129', '1293423451', 'thamarai@gmail.com',1);
insert into user(name, username, password, phonenumber, emailid, role_id) values('Vegnesh',
    'user130', 'amphi130', '1233423451', 'vignesh@gmail.com',4);
insert into user(name, username, password, phonenumber, emailid, role_id) values('Yokesh',
    'user131', 'amphi131', '1313423451', 'yogesh@gmail.com',4);
insert into user(name, username, password, phonenumber, emailid, role_id) values('Premaa',
    'user132', 'amphi132', '1323423451', 'prema@gmail.com',4);
insert into user(name, username, password, phonenumber, emailid, role_id) values('Ramyaa',
    'user133', 'amphi133', '1333423451', 'ramya@gmail.com',5);
insert into user(name, username, password, phonenumber, emailid, role_id) values('Pravithaa',
    'user134', 'amphi134', '1343423451', 'pravitha@gmail.com',5);
insert into user(name, username, password, phonenumber, emailid, role_id, profile_id)
    values('Mala', 'user135', 'amphi135', '1353423451', 'malini@gmail.com',6,28);
insert into user(name, username, password, phonenumber, emailid, role_id, profile_id)
    values('Sendhil', 'user136', 'amphi136', '1363423451', 'senthil@gmail.com',1,27);
```

```
insert into experience(company_name, current, end, start, profile_id) values ('TCS', 0, '2012-05-01
    00:00:00', '2010-07-01 00:00:00', 1);
insert into experience(company_name, current, start, profile_id) values ('CTS', 1, '2012-05-10
    00:00:00', 1);
insert into experience(company_name, current, end, start, profile_id) values ('CTS', 0, '2012-05-01
    00:00:00', '2010-07-01 00:00:00', 2);
insert into experience(company_name, current, start, profile_id) values ('TCS', 1, '2012-05-10
    00:00:00', 2);
insert into experience(company_name, current, end, start, profile_id) values ('IBM', 0, '2008-06-01
    00:00:00', '2007-07-01 00:00:00', 3);
```

```
insert into experience(company_name, current, end, start, profile_id) values ('MPhasis', 0,
    '2010-05-01 00:00:00', '2008-07-01 00:00:00', 3);
insert into experience(company_name, current, start, profile_id) values ('Amphisoft', 1, '2010-05-10
    00:00:00', 3);
insert into experience(company_name, current, end, start, profile_id) values ('Wipro', 0, '2008-05-01
    00:00:00', '2002-07-01 00:00:00', 4);
insert into experience(company_name, current, start, profile_id) values ('HCL', 1, '2008-05-10
    00:00:00', 4);
insert into experience(company_name, current, start, profile_id) values ('HCL', 1, '2013-05-10
    00:00:00', 5);
insert into experience(company_name, current, start, profile_id) values ('Payoda Technologies', 1,
    '2013-07-10 00:00:00', 6);
insert into experience(company_name, current, start, profile_id) values ('Texas Instruments', 1,
    '2010-07-10 00:00:00', 7);
insert into experience(company_name, current, start, profile_id) values ('Hexaware Technologies',
    1, '2012-07-10 00:00:00', 8);
insert into experience(company_name, current, start, profile_id) values ('iGate Solutions', 1,
    '2009-07-10 00:00:00', 9);
insert into experience(company_name, current, end, start, profile_id) values ('Seimens', 0,
    '2009-05-01 00:00:00', '2006-07-01 00:00:00', 10);
insert into experience(company_name, current, start, profile_id) values ('Google', 1, '2009-07-10
    00:00:00', 10);
insert into experience(company_name, current, end, start, profile_id) values ('TCS', 0, '2008-06-01
    00:00:00', '2004-07-01 00:00:00', 11);
insert into experience(company_name, current, end, start, profile_id) values ('IBM', 0, '2010-05-01
    00:00:00', '2008-07-01 00:00:00',11);
insert into experience(company_name, current, start, profile_id) values ('Amphisoft', 1, '2010-05-10
    00:00:00', 11);
insert into experience(company_name, current, end, start, profile_id) values ('Accenture', 0,
    '2008-06-01 00:00:00', '2004-07-01 00:00:00', 12);
insert into experience(company_name, current, end, start, profile_id) values ('Wipro', 0, '2011-05-01
    00:00:00', '2008-07-01 00:00:00', 12);
insert into experience(company_name, current, start, profile_id) values ('Infosys', 1, '2011-05-10
    00:00:00', 12);
insert into experience(company_name, current, end, start, profile_id) values ('Infosys', 0,
    '2011-05-01 00:00:00', '2006-07-01 00:00:00', 13);
insert into experience(company_name, current, start, profile_id) values ('Wipro', 1, '2011-05-10
    00:00:00', 13);
insert into experience(company_name, current, end, start, profile_id) values ('TCS', 0, '2011-05-01
    00:00:00', '2008-07-01 00:00:00', 14);
insert into experience(company_name, current, start, profile_id) values ('Amphisoft', 1, '2011-05-10
    00:00:00', 14);
insert into experience(company_name, current, start, profile_id) values ('CTS', 1, '2013-07-10
    00:00:00', 15);
```

```
insert into experience(company_name, current, start, profile_id) values ('CTS', 1, '2013-07-10
    00:00:00', 16);
insert into experience(company_name, current, start, profile_id) values ('CTS', 1, '2010-07-10
    00:00:00', 18);
insert into experience(company_name, current, end, start, profile_id) values ('TCS', 0, '2010-06-01
    00:00:00', '2009-07-01 00:00:00', 19);
insert into experience(company_name, current, end, start, profile_id) values ('CTS', 0, '2011-05-01
    00:00:00', '2010-07-01 00:00:00',19);
insert into experience(company_name, current, end, start, profile_id) values ('Infosys', 0,
    '2013-05-01 00:00:00', '2011-07-01 00:00:00',19);
insert into experience(company_name, current, start, profile_id) values ('IBM', 1, '2013-05-10
    00:00:00', 19);
insert into experience(company_name, current, end, start, profile_id) values ('IBM', 0, '2011-05-01
    00:00:00', '2004-07-01 00:00:00',20);
insert into experience(company_name, current, end, start, profile_id) values ('TCS', 0, '2013-05-01
    00:00:00', '2011-07-01 00:00:00',20);
insert into experience(company_name, current, start, profile_id) values ('CTS', 1, '2013-05-10
    00:00:00', 20);
insert into experience(company_name, current, start, profile_id) values ('CTS', 1, '2010-05-10
    00:00:00', 21);
insert into experience(company_name, current, start, profile_id) values ('Infosys', 1, '2010-07-10
    00:00:00', 22);
insert into experience(company_name, current, start, profile_id) values ('TCS', 1, '2001-05-10
    00:00:00', 23);
insert into experience(company_name, current, start, profile_id) values ('TCS', 1, '2010-07-01
    00:00:00', 24);
insert into experience(company_name, current, start, profile_id) values ('ABT', 1, '2012-07-10
    00:00:00', 25);
insert into experience(company_name, current, start, profile_id) values ('TCS', 1, '2005-07-10
    00:00:00', 26);



insert into post_type(name) values ('Oppurtunities');
insert into post_type(name) values ('Higher Studies');
insert into post_type(name) values ('Sharing Experiences');
insert into post_type(name) values ('Personal Accomplishments');
insert into post_type(name) values ('Technology');

insert into event(name, invitation, date, organiser_id) values ('Alumni Meet 2008', 'All are Welcome',
    '2008-05-01 17:00:00', 34);
insert into event(name, invitation, date, organiser_id) values ('Alumni Meet 2009', 'All are Welcome',
    '2009-05-01 17:00:00', 34);
```

```
insert into event(name, invitation, date, organiser_id) values ('Alumni Meet 2010', 'All are Welcome',
    '2010-05-01 17:00:00', 34);
insert into event(name, invitation, date, organiser_id) values ('Alumni Meet 2011', 'All are Welcome',
    '2011-05-01 17:00:00', 34);
insert into event(name, invitation, date, organiser_id) values ('Alumni Meet 2012', 'All are Welcome',
    '2012-05-01 17:00:00', 34);
insert into event(name, invitation, date, organiser_id) values ('Alumni Meet 2013', 'All are Welcome',
    '2013-05-01 17:00:00', 33);
insert into event(name, invitation, date, organiser_id) values ('Alumni Meet 2014', 'All are Welcome',
    '2014-01-27 17:00:00', 33);
insert into event(name, invitation, date, organiser_id) values ('ICSIP 2008', 'All are Welcome',
    '2008-06-01 09:00:00', 31);
insert into event(name, invitation, date, organiser_id) values ('ICSIP 2010', 'All are Welcome',
    '2010-06-01 09:00:00', 31);
insert into event(name, invitation, date, organiser_id) values ('ICSIP 2012', 'All are Welcome',
    '2012-06-01 09:00:00', 32);
insert into event(name, invitation, date, organiser_id) values ('ACM ICPC 2013', 'Inter-Collegiate
    Programming Contest', '2013-12-05 09:00:00', 1);
insert into event(name, invitation, date, organiser_id) values ('Entrepreneurship Development
    Programme', 'All are Welcome', '2014-01-27 15:00:00', 32);
insert into event(name, invitation, date, organiser_id) values ('Freshers Induction Programme', 'All
    are Welcome', '2013-08-27 15:00:00', 35);
insert into event(name, invitation, date, organiser_id) values ('Literary Meet', 'All are Welcome',
    '2014-01-27 16:00:00', 5);

INSERT INTO query(content, date, user_id) values ('What are the options after MS?', '2012-01-05
    01:00:00', 1);
INSERT INTO query(content, date, user_id) values ('Any one working on PHP?', '2013-06-01
    09:00:00', 2);
INSERT INTO query(content, date, user_id) values ('Is there any one working in TCS?', '2014-01-02
    04:00:00', 3);
INSERT INTO query(content, date, user_id) values ('Any one working on Grails?', '2013-09-10
    13:00:00', 2);
INSERT INTO query(content, date, user_id) values ('After MS you can opt for PhD or you can apply
    for research organisations', '2012-01-05 14:00:00', 5);
INSERT INTO query(content, date, user_id, parent_id) values ('I am working in PHP domain for the
    past 3 years.  How can I help you?', '2013-06-01 19:00:00', 5, 2);
INSERT INTO query(content, date, user_id, parent_id) values ('I am currently working in TCS. What
    can I do for you?', '2014-01-02 14:00:00', 2,3);
INSERT INTO query(content, date, user_id) values ('Any one working on Ruby on Rails?',
    '2014-09-10 13:00:00', 2);
INSERT INTO query(content, date, user_id, parent_id) values ('I am working in PHP domain for the
    past 4 years.  How can I help you?', '2013-06-02 04:30:00', 8, 2);
```

```
INSERT INTO post(content, date, user_id, type_id) values ('Openings for MS graduates in Computer Science', '2013-01-05 00:00:01', 1,1);
INSERT INTO post(content, date, user_id, type_id) values ('New Features in PHP', '2012-06-01 00:00:09', 2,5);
INSERT INTO post(content, date, user_id, type_id) values ('Attention - TCS Ex-Employees', '2014-01-02 00:00:04', 3,1);
INSERT INTO post(content, date, user_id, type_id) values ('Grails - Technology for the future', '2013-09-10 00:00:13', 2,5);
INSERT INTO post(content, date, user_id, type_id) values ('Research Grants - Automobile Engineering', '2012-01-05 00:00:14', 5,5);
INSERT INTO post(content, date, user_id, type_id) values ('Happy to announce that I have been honoured with the the Outstanding Indian Employee Award', '2013-06-01 00:00:19', 5, 4);
INSERT INTO post(content, date, user_id, type_id) values ('New Year Greetings', '2014-01-01 00:00:14', 3,4);
INSERT INTO post(content, date, user_id, type_id) values ('Good Coding Practices', '2013-09-10 00:00:13', 2,5);
INSERT INTO post(content, date, user_id, type_id) values ('Attention - TCS Ex-Employees...cont', '2014-01-02 00:00:07', 3,1);
```

Task -1

1.Write a query to create a role table which has the following details. Sample Query: create table role (id BIGINT(20), name varchar(255) NOT NULL, primary key(id));

2. Write a query to create skill table. Please note that the field description can be NULL and the default value is NULL

3. Write a query to create post_type table.

4. Write a query to create department table.

5. Write a query to create degree table.

6. Write a query to create profile table. Please note that designation field can be NULL and the default value is NULL.

7. Write a query to create higher_degree table. Please note that fields degree_name and university_name can be NULL and the default value is NULL.

8. Write a query to create experience table. Please note that filed end can be NULL and Default value is NULL.

9. Write a query to create project table. Please note that field short_description can be NULL and the default value is NULL.

10. Write a query to create profile_skills table.

11. Write a query to create user table. Please note that the field profile_id can be NULL and the default value is NULL.

12. Write a query to create query table. Please note that field parent_id can be NULL and the default value is NULL.

13. Write a query to create event table. Please note that field description can be NULL and the default value is NULL.

14. Write a query to create post table.

15. Write a query to add a new column named description of type varchar(255) to role table.

16. Write a query to change the type of field description in the role table to varchar(500);

17. Write a query to remove the column description from the role table.

18. Write a query to rename table role to roles.

19. Write a query to rename table roles to role.

20. Write a query to add a new column named user_id of type BIGINT(20) to department table.

21. Write a query to add a constraint to the department table. user_id is a foreign key and it references id in the user table.

22. Write a query to drop the column user_id from the department table.

23. Write a query to rename table department to departments.

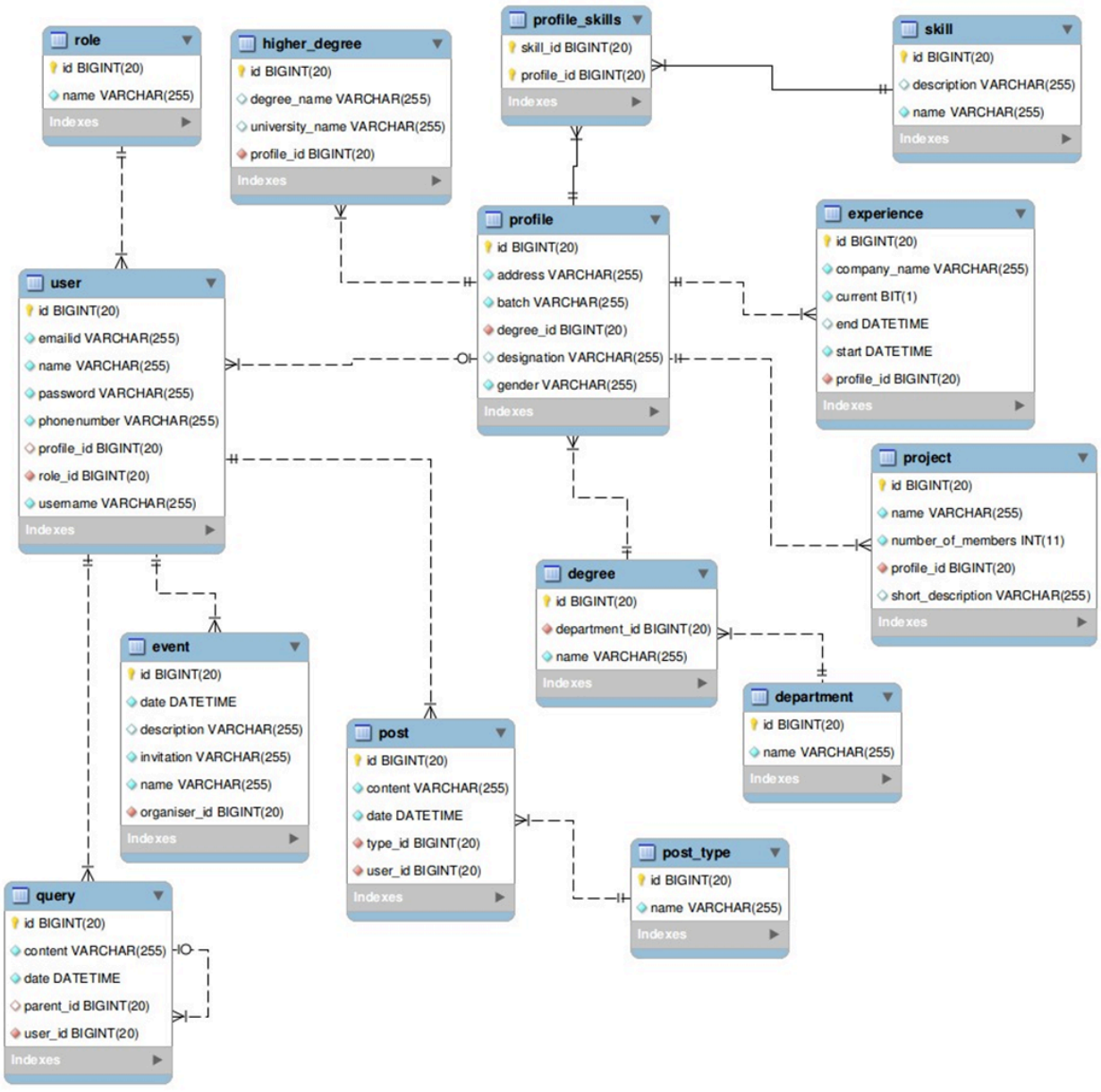
24. Write a query to delete the table profile_skills.

25. Write a query to delete post table.

Task -2

1. Write a query to insert any 2 records into the role table.
2. Write a query to insert any 2 records into the skill table.
3. Write a query to insert any 2 records into the post_type table.
4. Write a query to insert any 2 records into the department table.
5. Write a query to insert any 2 records into the degree table.
6. Write a query to insert any 2 records into the profile table.
7. Write a query to insert any 2 records into the higher_degree table.
8. Write a query to insert any 2 records into the experience table.
9. Write a query to insert any 2 records into the project table.
10. Write a query to insert any 2 records into the user table.
11. Write a query to insert any 2 records into the query table.
12. Write a query to insert any 2 records into the event table.
13. Write a query to insert any 2 records into the post table.
14. Write a query to change the role name 'Admin' to 'Administrator'
15. Delete the role 'Student'.
16. Write a query to change the skill name 'CAD' to 'CADCAM'.
17. Write a query to delete the skill 'Web Design'.
18. Write a query to change the post_type 'Tech' to 'Technology'.
19. Write a query to delete the post_type 'Technology'.
20. Write a query to change the batch name from 98 to 1998.

21. Write a query to update the year in the date entry in the query table from 2012 to 2013.
22. Accidentally the server date was set to a wrong value for 1 day. You have correctly set the date now. But you want to change all the date entries made on that day. Write a query to change the day by 1 of all dates in the query table on 31st Jan 2013.
23. Write a query to delete all queries from the query table posted before year 2012.
24. Write a query such that the experience table contains only the details regarding the past experience of the alumni.
25. The event 'ALUMNI MEET' has been postponed by 3 hours. Write a query to change the event time.



Task -3

1.Write a query to display the entire contents of the role table, sorted by name in ascending order.

2. Write a query to display the entire contents of the skill table, sorted by name in ascending order.

3. Write a query to display the entire contents of the department table, sorted by name in descending order.

4. Write a query to display the entire contents of the post_type table, sorted by name in descending order.

5. Write a query to display all role names, sorted in ascending order.

6. Write a query to display the names and descriptions of all skills, sorted by skill name.

7. Write a query to display the names of all departments, sorted in ascending order.

8. Write a query to display the names of all post types, sorted in ascending order.

9. Write a query to display the names of all universities in which the alumni from this college have done or are doing their higher studies, sorted in ascending order.

10. Write a query to display all unique designations from the profile table sorted in ascending order.

11. Write a query to display the batch details of all alumni who are currently project managers, sorted in ascending order.

12. Write a query to display all designations of Male students/alumni from the profile table sorted in ascending order.

13. Write a query to display all designations of Female students/alumni from batch 2008 from the profile table sorted in ascending order.

14. Write a query to display the address details of Male alumni from 2008 batch, sorted in ascending order based on address.

15. Write a query to display the names of companies in which the college alumni have been or are employees, sorted in ascending order based on name.

16. Write a query to display the names of companies in which the college alumni are employees at present, sorted in descending order based on name.

17. Write a query to display the names and phone numbers of all users, sorted in descending order by name.

18. Write a query to display the names, emailids and phone numbers of all users, sorted in ascending order by name.

19. Write a query to display the user name and password of Ram.

20.Write a query to display the names and descriptions of projects with more than 10 members, sorted in ascending order by name.

21. Write a query to display the names and descriptions of all events scheduled on 27th January, 2014, sorted in ascending order by name.

22. Write a query to display the content of all posts, sorted in descending order by date.

23. Write a query to display the content of all posts posted in January, 2014, sorted in descending order by date.

24. Write a query to display the contents of all queries posted in year 2013, sorted in descending order by date.

25. Write a query to display the names of all events scheduled in January, 2014 at 3 p.m, sorted by name in ascending

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Task 4

1. Write a query to display the number of roles in the role table. Give an alias to the number of roles as role_count.

2. Write a query to display the number of skills in the skill table. Give an alias to the number of skills as skill_count.

3. Write a query to display the number of users who have not filled their profile yet. Give an alias to the number of users as user_count.

4. Write a query to display the number of alumni from 2008 batch who have registered in the system. Give an alias as alumni_2008_count.

5. Write a query to display the number of male alumni from 2008 batch who have registered in the system. Give an alias as alumni_male_2008_count.

6. Write a query to display the batch name and the number of alumni from each batch who have registered in the system, sorted by batch name. Give an alias to the number of alumni from each batch as alumni_count.

7. Write a query to display the batch name and the number of male alumni from each batch who have registered in the system,sorted by batch name. Give an alias to the number of male alumni from each batch as male_alumni_count.

8. Write a query to display the batch name and the number of female alumni from each batch who have registered in the system, sorted by batch name. Give an alias to the number of female alumni from each batch as female_alumni_count.

9. Write a query to display the number of unique designations in the profile table. Give an alias as designation_count.

10. Write a query to display the number of users who are currently working as 'Project Manager's. Give an alias as PM_Count.

11. Write a query to display the batch of the seniormost alumni woking as 'Project Manager'. Give an alias as Senior_PM_Batch.

12. Write a query to display the batch of the juniormost alumni woking as 'Project Manager'. Give an alias as Junior_PM_Batch.

13. Write a query to display the designation and the number of users who are currently working in each designation, sorted by designation. Give an alias as designation_count.

14. Write a query to display the number of companies in which the college alumni are currently working in. Give an alias as company_count.

15. Write a query to display the name of the company and the number of alumni who are currently working in each company. Give an alias to the number of alumni as alumni_count.

16. Write a query to display the number of projects in which the team size is more than 10. Give an alias as project_count.

17. Write a query to display the number of events that were scheduled for the year 2013. Give an alias as number_of_events.

18. Write a query to display the year and the number of events scheduled in each year, sorted by year. Give an alias as number_of_events.

19. Write a query to display the number of posts posted in January 2014. Give an alias as number_of_posts.

20. Write a query to display the number of queries raised / answered between 1 a.m and 5 a.m (both inclusive). Give an alias as number_of_queries.

21. Write a query to display the number of events that were scheduled on 27th January, 2014. Give an alias as number_of_events.

22. Write a query to display the number of posts posted before 1st December, 2013. Give an alias as number_of_posts.

23. Write a query to display the number of posts posted after 1st December, 2013. Give an alias as number_of_posts.

24. Write a query to display the year and the number of events scheduled in each year, sorted by year. Give an alias as number_of_events.

25. Write a query to display the name of the month and the number of events scheduled in each month in the year 2013, sorted by month. Give an alias to the month name as month_name and the to the number of events scheduled as number_of_events. Name of the month must be displayed as January, February

TASK 5:

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1) Write a query to display the entire contents of the table after performing an inner join on role table and user table, sorted by role name and then by name of the user.

2) Write a query to display the entire contents of the table after performing a left join on role table and user table, sorted by role name and then by name of the user.

3) Write a query to display the user name and role of all users, sorted by name of the user.

4) Write a query to display the phone number, emailid, batch, department, designaton and the currently working company name of 'Ram'.

5) Write a query to display the name and skillset name of all alumni users (role - 'Alumni'), sorted by name and then by skillset name.

6) Write a query to display the name and all company names in which they have worked of all alumni users(role - 'Alumni') who have been employed or are employed, sorted by name and then by company name.

7) Write a query to display the name and all company names in which they have worked of all alumni users(role - 'Alumni') , sorted by name and then by company name. (Include users who have never been employed also).

8) Write a query to display the name and the company name in which they are working of all alumni users(role - 'Alumni'), sorted by name of the user.(Include alumni users who are currently working only).

9) Write a query to display the name and the company name in which they are currently working of all alumni users(role - 'Alumni') from 2008, sorted by name. [Include users who are currently working only]

10) Write a query to display the name, email id, phone number and address of all alumni(role - 'Alumni') users who have filled in their profile, sorted by name.

11) Write a query to display the name, email id, phone number and address of all alumni(role - 'Alumni') users from 2008 batch, sorted by name.

12) Write a query to display the name, email id, phone number and address of all alumni(role - 'Alumni') users from 'BSC_CT', sorted by name.

13) Write a query to display the name, email id, phone number and address of all alumni(role - 'Alumni') users from 'CSE' department, sorted by name.

17) Write a query to display the name and batch of all female alumni users(role - 'Alumni'), sorted by name.

18) Write a query to display the name, batch and degree of all female alumni users(role - 'Alumni'), sorted by name of the user.

19) Write a query to display the name, batch, degree and department of all female alumni users(role - 'Alumni'), sorted by name.

20) Write a query to display all degree names and the department offering the degree, sorted by degree name.

21) Write a query to display the name and designaton of all male alumni users(role - 'Alumni'), sorted by name.

22) Write a query to display the name and designaton of all alumni users(role - 'Alumni') who are currently working in TCS, sorted by name.

23) Write a query to display the names of the users who have raised or answered queries and the content of the queries, sorted by name and then by date.

24) Write a query to display the names of the users who have answered queries and the content of the queries, sorted by name and then by date.

25) Write a query to display the names of the users who have posted posts and the contents of posts, sorted by name and then by post date.

26) Write a query to display the names of the users who have posted 'Technology' related posts and the contents of posts, sorted by name, post date and then by post content.

27) Write a query to display the names of the users who have posted posts in the year 2013 and the contents of posts, sorted by name and then by post date and then by content.

28) Write a query to display the name and department of users who have good 'Programming' skills, sorted by name of the user.

29) Write a query to display the names of the users who have organized events and the name of the events, sorted by name of the user and then by event date.

30) Write a query to display the names of the alumni users(role - 'Alumni') who have organized events and the name of the events, sorted by name and then by event date.

TASK 6:

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1) Write a query to display the names of all administrators (role Admin) sorted by name in Ascending order.
2) Write a query to display the names of all alumni (role Alumni) sorted by name in descending order.
3) Write a query to display the names of all degrees offered by 'CSE' department, sorted in Ascending order.
4) Write a query to display the name of the department offering the degree 'BSC_CT'.
5) Write a query to display the names of all female alumni (role Alumni), sorted in order.
6) Write a query to display the department of user Ram in the college.
7) Write a query to display the university name(s) in which Ram has done his higher studies, sorted in Ascending order.

8) Write a query to display the designaton of Ram.
9) Write a query to display the name of the skillsets of Ram, sorted by name in Ascending order.
10) Write a query to display the work experience details of Anithaa (company name, start date and end date in order), sorted by start date.
11) Write a query to display the names of projects in which Ram has been a part of, sorted in order.
12) Write a query to display the contents of queries raised or answered by Ram, sorted by date.
13) Write a query to display the contents of posts posted by Ram, sorted by date.
14) Write a query to display the contents of posts related to Technology posted by Ram, sorted by date.
15) Write a query to display the contents of posts posted by Ram in the year 2012, sorted by date

16) Write a query to display the name and phone numbers of all Alumni users from 2008 batch, sorted in Ascending order based on name.

17) Write a query to display the name of all male Alumni from 2008 batch, sorted in order.
18) Write a query to display the name of all Alumni from BSC_CT 2008 batch, sorted by name.
19) Write a query to display the name of all Alumni of 2008 batch from CSE department, sorted by name.
20) Write a query to display the name and email details of all users from 2008 batch sorted by name.

21) Write a query to display the names of users who have good 'Web Design' skills, sorted by name.
22) Write a query to display the names of all alumni users who have been or are a part of TCS, sorted by name.
23) Write a query to display the names and email ids of all alumni users who are currently working in TCS, sorted by name.
24) Write a query to display the name and role of all users, sorted by name of the user.
25) Write a query to display the name and role details of all users who have filled in the profile details, sorted by name in Ascending order.

Task 7

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Please solve the following questions using sub-query concept,

1) Write a query to display the names of users who have done their higher studies in 'Texas University', sorted in order.
2) Write a query to display the names of users from 2008 batch who have done their higher studies in 'Texas University', sorted in order.
3) Write a query to display the names of users from 2008 batch CSE department who have done their higher studies in 'Texas University', sorted in order.
4) Write a query to display the names of users from 'MECH' department who have 'Programming' skills, sorted in order.
5) Write a query to display the names of users from 'MECH' department who are currently working in 'TCS', sorted in order.
6) Write a query to display the names of users who have been part of projects with more than 10 members, sorted in order.
7) Write a query to display the names of users from 2008 batch who have raised or answered queries, sorted in order.
8) Write a query to display the names of users who have raised queries, sorted in order.
9) Write a query to display the names of users who have answered queries, sorted in order.
10) Write a query to display the names of users from 2008 batch who have raised queries, sorted in order.
11) Write a query to display the names of users from 2008 who have answered queries, sorted in order.
12) Write a query to display the names of users who have organised events, sorted in order.
13) Write a query to display the names of 'Alumni' users who have organised events, sorted in order.
14) Write a query to display the names of users who have organized events in the year 2013, sorted in order.
15) Write a query to display the name, phone number and email id of organizer of 'ICSIP2008'.
16) Write a query to display the names of all users who have posted 'Technology' related posts in the year 2013, sorted by name in order.

17) Write a query to display the names of users who are currently working in TCS as 'Project Manager's, sorted in order.
18) Write a query to display the number of alumni from CSE department who have registered in the system. Give an alias as cse_alumni_count.