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GANAPAT UNIVERSITY , KHERVA , N.R. GANDHINAGAR.

**2011**

**SEM. - III**

**C.E.-SS**

**B.TECH**

**STUDENT SUPPORT SYSTEM.**

D B M S -1

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U . V . PATEL COLLEGE OF ENGINEERING.



**PROJECT REPORT**

**ON**

**Student support system**

****

**Subject Name: - *DATA BASE MANAGEMENT SYSTEM CONCEPTS****.*

**Submitted By:**

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**B.TECH SEMESTER III INTERNAL GUIDE.**

**COMPUTER ENGINEERING. MR. SHARNIL PANDYA.**

**Submitted to,**

**Department of Computer Engineering** ,

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##### **U.V.PATEL COLLEGE OF ENGINEERING.**



Sep – Oct 2011

C E R T I F I C A T E

TO WHOM SO EVER IT MAYCONCERN

This is to certify that Mr. **PATEL DIP B.** & **PATEL SMIT B.** & **PATEL ANKIT G.** & **PATEL VIKAL J.** & **PANCHAL MILAP** student of B. Tech Semester III (Computer Engineering.) has completed Mini Project-1 titled “ Student Support System” in the year 2011-2012.

Project Guide name Head Department

Mr. Sharnil Pandya. Prof. K R. Amin,

Sign. CE / IT .

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We are highly indebted to **Mr. Sharnil Pandya** for their guidance and constant supervision as well as for providing necessary information regarding the project & also for their support in completing the project.

**ABSTRACT**



* Student Support System is a web based application that will end all the problems faced by a student. The main objective of this system is to provide good job opportunities to the current and the alumni students. Student can get their interview schedules from the job applied companies. Students can also get quick response from the faculty of the organization regarding their queries. Also Employer plays a big role, where employer of a company can register free on this website, and can post their job information, and will get quick response from the students. To increase the knowledge regarding computer technology and something new happens in the Technology era, anyone can get latest news. Anyone can suggest their views on this website.Various organizations can register to connect with the institute using this web-site for franchisee purpose.

**BASIC INTRODUCTION FOR THE PROJECT**

* With the increase of the use of the internet, it is required to digitize the educational area. As the name suggest, “Student Support System” will beneficial to the current as well as alumni students. This system provides faster query solving service, through which student can post their queries and get response from best available faculties. System will also provide job opportunities from various companies to the students. Anyone can visit this website to get the information about various courses running in the organization and be a part of organization. Various companies can register on this website and can get qualified students. Anyone can suggest their views on this website.

**AIM OF THE PROJECT**

* Member wise account analysis is available.
* Easy to solve queries.
* Ability to view all the queries with answers posted by other students.
* User vise session time is stored.
* Student can get Good job opportunity in different companies.
* Company can get well qualified students.
* Franchisee can register to grow their organization.
* Administrator has full rights to delete, update and add accounts.
* Administrator can view and delete queries.

PURPOSE OF THE PROJECT

* This project is basically designed and developed for help of students that they will get all Latest as well as knowledge of their choice.
* As this would be locally done for every Organization, Security would be high compared to global site as due to limited entries it would be easier for administrator to keep check on unwanted and undesired activities.
* So the main purpose of the project is
* To provide useful service in terms of internal working for a particular Organization.
* Fast and efficient response.
* Provide unique Registration, Logging in. To provide highly interactive the breath of the student.

SCOPE OF THE PROJECT

**GOLS AND THE OBJECTIVE**

* We aim to build the website through which students can have good opportunities to get the best jobs in different companies and get the quick response regarding their posted query. Also Employer plays a big role, where employer of a company can register free on this website, and can post their job information, and will get quick response from the students. Anyone can get latest news regarding education.

**STUDENT QUERY SYSTEM**

* Firstly, Student account is created by administrator, so at first time login, Student must have to update his/her account like address, phone number and email-address. Student can change his/her password after login. Student can post queries regarding any subjects at any time. And he/she gets the answer of that query in short time. Student can also view answers of other subjects.

**STUDENT RECRUITMENT SYSTEM**

* Employer of company registers on this website and employer will get the password of his user account after verification process done by administrator. Employer can post the jobs with full details.
* After logs in into the website, student can view job details and apply it.
* Employer can view the jobs posted by him. After getting enough response from the students, employer can delete that job. Employer can also schedule the job time with students.

**COURSE SELECTION SYSTEM**

* Students other than this organization can get information about the courses running in the organization and can fill the registration form with interested subjects.

**SYSTEM CONTROL BY ADMINISRTARTOR**

* Administrator can manage the entire database. Administrator can viewand delete queries. Also administrator has full rights to delete, update and add accounts.
* NONOTATIONS…..

|  |  |  |
| --- | --- | --- |
| **NO** | **NOTATION** | **DESCRIPTION** |
| 1. | ENTITY SET | * ENTTITY * REAL THING OR OBJECT |
| 2. |  | * ATTRIBUTES. |
| 3. | R | * RELATIONSHIP. * WHICH SHOE RELATION BETWEEN TWO ENTITYS. |
| 4. |  | * COMMUNICATION BETWEEN TWO ENTITYS. |
| 5. | ENTITY SET | * WEAK ENTITY SET. |
| 6. |  | * MULTI VALUED ATTRIBUTES. |
| 7. | R | * IDENTIFYING RELATIONSHIP SET FOR WEAK ENTITY SET. |
| 8. | DATA | * DERIVED ATTRIBUTES. |
| 9. |  | * DISCRIMINATING ATTRIBUTES OF WEAK ENTITY SETS. |
| 10. |  | * TO SHOW THE PRIMARY KEY. |
| 11. | ISA | * TO USE FOR THE SPECIALIZATION AND THE GENERALIZATION. |
| 12. |  | * MANY -TO -MANY RLATIONSHIP. |
| 13. |  | * MANY -TO- ONE RELATIONSHIP. |
| 14. |  | * ONE- TO -ONE RELATONSHIP |

TABLES.

**EMPLOYEE TABLE**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| NAME | LOGIN\_ID | EMPLOYE\_ID | COMPANY\_ID | SALARY | NO |
| RAJESH | RAJ001 | S001 | R.J.P. | 37500 | D001 |
| SURESH | SUR002 | S002 | S.U.P. | 42000 | D002 |
| AKASH | AKA003 | S003 | A.K.P. | 34000 | D003 |
| PARGNESH | PAE004 | S004 | R.H.Y. | 45000 | D004 |
| YOGESH | YOG005 | S005 | Y.J.P. | 48000 | D005 |
| UTSAV | UTS006 | S006 | U.D.V | 37000 | D006 |

* **QUERY:-**
* create table EMPLOYEE (NAME varchar2(10),LOGIN\_ID varchar2(10),EMPLOYE\_ID varchar2(5),COMPANY\_ID varchar2(10),SALARY number(10),NO varchar2(5) primary key);

* insert into EMPLOYEE values(‘RAJESH’,’RAJ001’,’S001’,’R.J.P.’,37500,’D001’);
* insert into EMPLOYEE values(‘SURESH’,’SUR002’,’S002’,’S.U.P.’,42000,’D002’);
* insert into EMPLOYEE values(‘AKASH’,’AKA003’,’S003’,’A.K.P.’,34000,’D003’);
* insert into EMPLOYEE values(‘PARGNESH’,’PAE004’,’S004’,’R.H.Y.’,45000,’D004’);
* insert into EMPLOYEE values(‘YOGESH’,’YOG005’,’S005’,’Y.J.P.’,48000,’D005’);
* insert into EMPLOYEE values(‘UTSAV’,’UTS006’,’S006’,’U.D.V.’,37000,’D006’);
* select \* from EMPLOYEE where EMPLOYE\_ID=’S001’;
* select NAME, SALARY from EMPLOYEE where NAME=’PARGNESH’;
* select NAME, EMPLOYE\_ID,SALARY from EMPLOYEE;
* desc EMPLOYEE;
* update EMPLOYEE set name=’AKASH’ where name=’EKTA’;
* alter table EMPLOYEE add(ADDRESS varchar2(30));
* delete from EMPLOYEE where EMPLOYE\_ID=’S004’;
* create tavle EMPLOYEE1(NAME,EMPLOYE\_ID,COMPANY\_ID) as select NAME,EMPLOYE\_ID,COMPANY\_ID from EMPLOYEE;
* update EMPLOYEE set SALARY=SALARY\*2;
* rename EMPLOYEE to EMPLOYEE1;
* select \* from EMPLOYEE order by EMPLOYE\_ID desc;
* select \* from EMPLOYEE where SALARY between 40000 and 50000;
* select count(EMPLOYE\_ID) from EMPLOYEE;

**STUDENT TABLE**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| NAME | COLLEGE | EDUCATION | ADDRESS | YEAR | STU\_ID | ENRO\_NO |
| RAJESH | L.J.I.T. | B.E.MECH. | AHMD | 2008 | S001 | F001 |
| UMANG | D.D.I.T. | B.COM. | NADIAD | 2006 | S002 | F002 |
| MITTAL | ADANIMEDICAL | M.B.B.S | BHUJ | 2010 | S003 | F003 |
| NIDHI | CEPT | ARCH. | AHMD | 2009 | S004 | F004 |
| HARDIK | SOMLALIT | B.C.A. | GHNAGR | 2002 | S005 | F005 |
| VISHAL | A.D.PATEL | B.E. –I.T. | ANAND | 2004 | S006 | F006 |
| VIRAL | B.J.MEDICAL | M.B.B.S. | AHMD | 1999 | S007 | F007 |
| BHARGAV | NIRMA UNI. | B.TECH-ME | AHMD | 2010 | S008 | F008 |
| RUTU | KARNAVATI | B.D.H. | GHNAGR | 2008 | S009 | F009 |
| SWATI | G.L.S | B.S.C | AHMD | 2007 | S010 | F010 |

* **QUERY:-**
* Create table STUDENT(NAME varchar2(10),COLLEGE varchar2(20),

EDUCATION varchar2(10),ADDRESS varchar2(10),YEAR number(5),STU\_ID varchar2(10),ENROL\_NO varchar2(5) primary key);

* Insert into STUDENT values(‘RAJESH’,’L.J.I.T’,’B.E.MECH.’,’AHMD’,2008,’S001’,’F001’);
* Insert into STUDENT values(‘UMANG’,’D.D.I.T’,’B.COM.’,’NADIAD’,’2006’,’S002’,’F002’);
* Insert into STUDENT values(‘MITTAL’,’ADANIMEDICAL’,’M.B.B.S.’,’BHUJ’,2010,’S003’,’F003’);
* Insert into STUDENT values(‘NIDHI’,’CEPT’,’ARCH.’,’AHMD’,2009,’S004’,’F004’);
* Insert into STUDENT values(‘HARDIK’,’SOMLALIT’,’B.C.A.’,’GHNAGR’,2002,’S005’,’F005’);
* Insert into STUDENT values(‘VISHAL’,’A.D.PATEL’,’B.E.I.T’,’ANAND’,2004,’S006’,’F006);
* Insert into STUDENT values(‘VIRAL’,’B.J.MEDICAL’,’M.B.B.S.’,’AHMD’,1999,’S007’,’F007);
* Insert into STUDENT values(‘BHARGAV’,’NIRMA UNI.’,’B.TACH ME.’,’AHMD’,2010,’S008’,’F008’);
* Insert into STUDENT values(‘RUTU’,’KARNAVATI’,’B.D.S.’,’GHNAGR’,2008,’S009’,’F009’);
* Insert into STUDENT values(‘SWATI’,’G.L.S’,’B.S.C’,’AHMD’,2007,’S010’,’F010’);
* Select \* from STUDENT;
* Select \* from STUDENT where year=2008;
* Select \* from STUDENT where ADDRESS=’AHMD’;
* Select NAME,COLLGE,EDUCATION where ADDRESS=’AHMD’;
* Select NAME from STUDENT where EDUCATION=’M.B.B.S’;
* Select STU\_ID from STUDENT;
* Select \* from STUDENT order by ENRO\_NO;
* Alter table STUDENT modify(EDUCATION varchar2(15));
* Update STUDENT set year=year+2000 where STU\_ID=’S003’;
* Delete from STUDENT where STU\_ID=’S008’;
* Rename STUDENT to STUDENT\_INFO;

**VISITOR TABLE**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NAME | ADDRESS | GRADUATION | SERIAL\_NO | EXPERINCE REQUIRED |
| ESSAR | SURAT | M.TECH | C001 | 1 YEAR |
| INFOSIS | PUNA | B.TECH | C002 | 6 MONTH |
| TCS | BANGLORE | M.S. | C003 | 3 YEAR |
| L&T | DELHI | B.E. | C004 | 1.5 YEAR |
| ONGC | GOA | B.E. | C005 | 6 MONTH |
| GODREJ | BARODA | B.TECH | C006 | 2 YEAR |
| MICROSOFT | HAIDRABAD | M.S. | C007 | 6 YEAR |
| DELL | BANGLORE | B.TECH | C008 | 3 YEAR |

* **QUERY**
* Create table VISITIOR(NAME varchar2(10),ADDRESS varchar2(10),GRADUCATION varchar2(10),SERIAL\_NO varchar2(10),EXPERINCE\_REQUIRED varchar2(10));
* Insert into VISITOR values(‘ESSAR’,’SURAT’,’M.TECH’,’C001’,’1 YEAR’);
* Insert into VISITOR values(‘INFOSIS’,’PUNA’,’B.TECH’,’C002’,’6 MONTH’);
* Insert into VISITOR values(‘TCS’,’BANGLORE’,’M.S’,’C003’,’3 YEAR’);
* Insert into VISITOR values(‘L&T’,’DELHI’,’B.E’,’C004’,’1.5 YEAR’);
* Insert into VISITOR values(‘OMGC’,’GOA’,’B.E’,’C005’,’6 MONTH’);
* Insert into VISITOR values(‘GODREJ’,’BARODA’,’B.TECH’,’C006’,’2 YEAR’);
* Insert into VISITOR values(‘MICROSOFT’,’HAIDRABAD’,’M.S.’,’C007’,’6 YEAR’);
* Insert into VISITOR values(‘DELL’,’BANGLORE’,’B.TECH’,’C008’,’3 YEAR’);
* Select \* from VISITOR;
* Select NAME,ADDRESS,EXPERINCE\_REOQUTRED from VISITOR where SERIAL\_NO=’C006’;
* Select NAME from VISITOR where GRADUATION=’B.TECH’;
* Update VISITOR set NAME=’SONY’ where NAME=’DELL’;
* Update VISITOR set NAME=’AGC’,ADDRESS=’PUNA’ where SERIAL\_NO=’C003’;
* Alter table VISITOR add(ADDRESS varchar2(30));
* Rename VISITOR to VISITOR\_COMPANY;
* Create table VISITOR\_COMPANY1(NAME,ADDRESS GRADUATION,YEAR)as select NAME,ADDRESS,GRADUATION,YEAR from VISITOR;
* Select \* from VISITOR where EXPERINCE\_REQUIRED BETWEEN 1 YEAR AND 3 YEAR;
* Select \* from NAME where ADDRESS not in(‘PUNA’);
* Select count(SEREAL\_NO) from VISITOR;
* Select min(EXPERIENCR\_REQUIRED) from VISITOR;

**FACULTY TABLE**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| NAME | CLG | EXPERIENCE | GRADUCATION | DEPARTMENT | ID\_NO |
| R.V.YADAV | G.L.S ARTS | 3 YEAR | M.COM | ECONOMICS | S001 |
| P.J.PATEL | NIRMA UNI | 8 YEAR | M.TECH | MECHANICAL | S002 |
| K.N.SHARMA | ADANIMEDICAL | 12 YEAR | M.D. | MEDICAL | S003 |
| T.H.PANDYA | B.J.MEDICAL | 18 YEAR | M.PAD | MEDICAL | S004 |
| U.V.PARMAR | SOMLALIT | 8 YEAR | M.COM | STATE | S005 |
| M.S.MAHETA | D.D.I.T | 5 YEAR | MBA | MATHS | S006 |
| R.P.KHURANA | K.K.SHASTRI | 8 YEAR | M.S.C | CHEMESTRY | S007 |
| D.H.MAHERA | NAVGUJRAT | 3 YEAR | M.S.C | PHYSICS | S008 |

* Create table FACULTY(NAME varcahr2(15),COLLGE varchar2(20),EXPERIENCE varchar2(10),GRADUCATION varchar2(10),DEPARTMENT varchar2(10),ID\_NO references DEPARTMENT(NO));
* Insert into FACULTY values(‘R.V.YADAV’,’G.L.S ARTS’,’3 YEAR’,’M.COM’,’ECONOMICS’,’S001’);
* Insert into FACULTY values(‘P.J.PATEL’,’NIRMA UNI.’,’8 YEAR’,’M.TECH’,’MECHANICAL’,’S002’);
* Insert into FACULTY values(‘K.N.SHARMA’,’ADANI MEDICAL’,’12 YEAR’,’M.D’,’MEDICAL’,’S003’);
* Insert into FACULTY values(T.H.PANDYA’,’B.J.MEDICAL’,’18 YEAR’,’M.PAD’,’MEDICAL’,’S004’);
* Insert into FACULTY values(‘U.V.PARMAR’,’SOMLALIT’,’8 YEAR’,’M.COM’,’STATE’,’S005’);
* Insert into FACULTY values(‘M.S.MAHETA’,’D.D.I.T’,’5 YEAR’,’MBA’,’MATHS’,’S006’);
* Insert into FACULTY values(‘R.P.KHURANA’,’K.K.SHASTRI’,’8 YEAR’,’M.S.C’,’CHEMESTRY’,’S007’);
* Insert into FACULTY values(‘D.H.MAHERA’,’NAVGUJRAT’,’3 YEAR’,’M.S.C’,’PHYSICS’,’S008’);
* Update FACULTY set NAME=’L.K.RAMANI’ where ID\_NO=’S008’;
* Alter table FACULTY add(GRADUATION varchar2(20));
* Delete from FACULTY where ID\_NO=’S004’;
* Create table CLG\_FACULTY(NAME ,COLLEGE,ID\_NO)as select NAME,COLLEGE,ID\_NO from FACULTY;
* Desc FACULTY;
* Select \* from FACULTY order by ID\_NO desc;
* Select\* from FACULTY where COLLGE not in(‘NAVGUJRAT’);
* Select \* from FACULTY where ID\_NO between D002 AND D008;
* Select count(ID\_NO) from FACULTY;
* Select count(EXPEREINCE) from FACULTY where EXPERIENCE=’8 YEAR’;
* Alter table FACULTY add(constraint ck\_check check(NAME=lwr(NAME)));
* Alter table FACULTY drop constraint check;
* Alter table FACULTY add constraint PRIM\_(ID\_NO) primary key(ID\_NO);
* Alter table FACULTY drop primary key;

**ADMINISTRATOR TABLE**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| NAME | LOGIN\_ID | NO. | CREATE\_ACC | UPDATE\_DA  TABASE | VERIFY EMPLOYEE |
| RAJESH | RAJESH\_I.P. | F001 | 08-JUL-1990 | 31-MAY-2007 | AFTER 3 MONTH |
| RIYA | RIYA\_JAVA | F002 | 24-JUN-2008 | 29-OCT-2009 | AFTER 6 MONTH |
| JAY | JAY\_DBMS | F003 | 10-FEB-2005 | 24-DEC-2009 | AFTER 6 MONTH |
| RONAK | RONAK\_.NET | F004 | 12-AUG-2005 | 23-SEP-2007 | AFTER 3 MONTH |
| SATISH | SATISH\_PHP | F005 | 29-FEB-2001 | 28-JAN-2010 | AFTER 6 MONTH |

* Create table ADMINISTRATOR(NAME varchar2(10),LOGIN\_ID varchar2(10),NO varchar2(10),CREATE\_ACC date,UPDATE\_DATABASE date,VERIFY\_EMPLOYEE varchar2(15));
* Insert into ADMINISTRATOR values(‘RAJESH’,’RAJESH\_I.P’,’A001’,’5-MAY-2003’,’ 31-MAY-2007’,’ AFTER 3 MONTH’);
* Insert into ADMINISTRATOR values(‘RIYA’,’RIYA\_JAVA’,’A002’,’ 24-JUN-2008’,’ 29-OCT-2009’,’ AFTER 6 MONTH’);
* Insert into ADMINISTRATOR values(‘JAY’,’JAY\_DBMS’,’A003’,’ 10-FEB-2005’,’ 24-DEC-2009’,’ AFTER 6 MONTH’);
* Insert into ADMINISTRATOR values(‘RONAK’,’RONAK\_.NET’,’A004’,’12-AUG-2005’,’ 23-SEP-2007’ ,’ AFTER 3 MONTH’);
* Insert into ADMINISTRATOR values(‘SATISH’,’SATISH\_PHP’,’A005’,’ 29-FEB-2001’,’ 28-JAN-2010’,’ AFTER 6 MONTH’);
* Update ADMINISTRATOR set NAME=”PAYAL” where NAME=”RONAK”;
* Alter table ADMINISTRATOR add(LOGIN\_ID varchar2(10));
* Delete from ADMINISTRATOR where no=’A005’;
* Select \* from ADMINISTRATOR to\_char(CREATE\_ACC,’mon’)=’FEB’;
* Select \* from ADMINISTRATOR order by UPDATE\_DATABASE desc;
* Select \* from ADMINISTRATOR where NAME not in(‘RAJESH’);
* Alter table ADMINISTRATOR add constraint NAME1 primary key(NAME);
* Alter table ADMINISTRATOR add(constraint ck\_check check(NAME=initcap(NAME)));
* Alter table ADMINISTRATOR drop foreign key;
* Alter table ADMINISTRATOR modify(constraint dip check(NAME not null));
* Alter table ADMINISTRATOR drop dip;
* Select NO,NAME from ADMINISTRATOR order by UPDATE\_DATABASE;
* Select distinct \* from ADMINISTRATOR;
* Select length(‘SATISH’) from ADMINISTRATOR;
* Select \* from ADMINISTRATOR where VERIFY\_EMPLOYEE not in(‘AFTER 6 MONTH’);
* Select \* from ADMINISTRATOR where VERIFY\_EMPLOYEE not between AFTER 2 MONTH to AFTER 6 MONTH;
* Desc ADMINISTRATOR;
* Update ADMINISTRATOR set CREATE\_ACC= ‘15-MAY-2006 ‘ where CREATE\_ACC=’ 5-MAY-2003’;

**FRANCHIESS TABLE**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COM\_NAME | SE\_NO | ADDRESS | INTREST\_CLG | SALARY-PA | TO\_YEAR | SE\_NO |
| JBL | D001 | SINGAPORE | IIM-DELHI | 1800000 | 1998 | A001 |
| NASA | D002 | U.S.A. | IIT-KANPUR | 2800000 | 1993 | A002 |
| HUDLI | D003 | AUSTRALIA | DA-IICT-GUJ. | 1200000 | 2007 | A003 |
| UNIVERSAL | D004 | NEWZEALAND | NID-BOMBAY | 900000 | 1996 | A004 |
| GOOGLE | D005 | KENEDA | NIT-HAIDRABAD | 2300000 | 1996 | A005 |
| ONGC | D006 | JAPAN | PDPU | 1400000 | 2008 | A006 |

* Create table FRANCHIESS(COM\_NAME varchar2(10),SE\_NO varchar2(5),ADDRESS varchar2(15),INTREST\_CLG varchar2(20),SALARY\_PACK number(10),TO\_YEAR number(5),SE\_NO references COMPANY(SE\_NO));
* Insert into FRANCHIESS values (‘JBL’,’D001’,’SINGAPORE’,’IIM-DELHI’,1800000,1998,’A001’);
* Insert into FRANCHIESS values (‘NASA’,’D002’,’U.S.A’,’IIT-KANPUR’,2800000,1993,’A002’);
* Insert into FRANCHIESS values (‘HUDLI’,’D003’,’AUSTRALIA’,’DA-IICT-GUJ.’,1200000,1997,’A003’);
* Insert into FRANCHIESS values (‘UNIVERSAL’,’D004’,’NEWZELAND’,’NID-BOMBAY’,900000,1996,’A004’);
* Insert into FRANCHIESS values (‘GOOGLE’,’D005’,’KENEDA’,’NIT-HAIDRABAD’,2300000,1996,’A005’);
* Insert into FRANCHIESS values (‘ONGC’,’D006’,’JAPAN’,’PDPU’,1400000,2008,’A006’);
* Update FRANCHIESS set ADDRESS=’LONDON’ where ADDRESS=’NEWZELAND’;
* Select \* from FRANCHIESS where YEAR=1996;
* Update FRANCHIESS set SALARY\_PACK=SALARY\_PACK\*2 where SE\_NO=’D004’;
* Select \* from FRANCHIESS order by SE\_NO desc;
* Select \* from FRANCHIESS where SALARY\_PACK between 1000000 to 2000000;
* Select max(SALARY\_PACK) from FRANCHIESS;
* Select min(SALARY\_PACK) from FRANCHIESS;
* Select avg(SALARY\_PACK) from FRANCHIESS;
* Select count(INTREST\_CLG) from FRANCHIESS where INTREST\_CLG=’DA-IICT\_GUJ’;
* Alter table FRANCHIESS add constraint SE\_NO1 primary key(SE\_NO);
* Alter table FRANCHIESS add(constraint smit check(NAME=upper(NAME)));
* Alter table FRANCHIESS drop constraint smit;
* Alter table FRANCHIESS drop primary key;
* Create table FRANCHIESS\_1(NAME,INTREST\_CLG,SALARY\_PACK) as select NAME,INTREST\_CLG,SALARY\_PACK from FRANCHIESS;
* Alter table FRANCHIESS modify(ADDRESS varchar2(15));
* Select count(SE\_NO) from FRAANCHIESS;
* Alter table FRANCHIESS add constraint ankit foreign key(SALARY\_PACK);
* Alter table FRANCHIESS drop foregine key;
* Alter table FRANCHIESS drop ankit;

**BONOFIED CERTIFICATE TABLE**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NAME | CERTI\_NO | ROLL\_NO | SCHOOL/CLG/COM\_NAME | NO |
| RAHUL | CA101 | 10012011051 | ESSAR | F001 |
| PANKAJ | CA102 | 16428347922 | D.D.I.T | F002 |
| HARSHIT | CA103 | 17982939938 | PUNA MEDICAL | F003 |

* Create table BONOFIED(NAME varchar2(10),CERTI\_NO varchar2(10),ROLL\_NO number(15),SCHOOL/CLG/COM\_NAME varchar2(15),NO references STUDENT(ENROL\_NO));
* Insert into BONOFIED values (‘RAHUL’,’CA101’,10012011051,’ESSAR’,’F001’);
* Insert into BONOFIED values (‘PANKAJ’,’CA102’,16428347922,’D.D.I.T’,’F001’);
* Insert into BONOFIED values (‘HARSHIT’,’CA103’,17982939938,’PUNA MEDICAL’,’F004’);
* Select \* from BONOFIED order by CERTI\_NO desc;
* Select distinct \* from BONOFIED;
* Select \* from BONOFIED where ROLL\_NO not in(10012011051);
* Select sysdate from BONOFIED;

**SCOLARSHIP TABLE**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SCOL\_NO | ELIBE. | SCOLRSHIP\_RS | SCHOOL/CLG | BY | ENROL\_NO |
| S001 | ABOVE 90 PER | 27500 | NATIONAL INSTITUTE OF DESIGN | CASH | F001 |
| S002 | ABOVE 85 PER | 11111 | LOYLA SCHOOL OF MANAGEMENT | CHECK | F002 |
| S003 | UNI.1T03 RANK | 60000 | INDIAN INSTITUTE OF TECHNOLOGY- DELHI | CHECK | F003 |

* Create table SCOLARSHIP(SCOP\_NO varchar2(5),ELIBE varchar2(20),SCOLARSHIP\_RS number(10),SCHOOL/CLG varchar2(30),BY varchar2(10),ENROL\_NO references STUDENT(ENROL\_NO));
* Insert into SCOLARSHIP values(‘S001’,’ABOVE 90 PER’,27500,’NATIONAL INSTITUTE OF DESIGN’,’CASH’,’F001’);
* Insert into SCOLARSHIP values(‘S002’,’ABOVE 85 PER’,11111,’LOYLA SCHOOL OF MANAGMENT’,’CHECK’,’F002’);
* Insert into SCOLARSHIP values(‘S003’,’UNI. 1 TO 3 RANK’,60000,’NATIONAL INSTITUTE OF TECHOLOGY-DELHI’,’CHECK’,’F003’);
* Select \* from SCOLARSHIP where BY=’CHECK’;
* Select \* from SCOLARSHIP order by SCOP\_NO desc;
* Select min(SCOLARSHIP\_RS) from SCOLARSHIP;
* Alter table SCOLARRSHIP add constraint PRIM primary key(SCOP\_NO);
* Alter SCOLARSHIP drop primary key;
* Delet from SCOLARSHIP;
* Alter table SCOLARSHIP rename column SCOLARSHIP\_RS to SCOLARSHIP\_RS PER COLLEGE;
* Select distinct \* from SCOLARSHIP;

**MANAGER TABLE**

|  |  |  |  |
| --- | --- | --- | --- |
| NAME  FIRST MIDDLE LAST | EXPERIENCE | SALARY | ID\_NO |
| SHARMA JAY PARESHBHAI | 8 YEAR | 2,80,000 | S001 |
| KAIF VIRAJ JAYESHBHAI | 12 YEAR | 1,80,000 | S002 |

* Create table MANAGER(FIRST varchar2(10),MIDDLE varchar2(10),LAST varchar2(10),EXPERIENCE varchar2(10),SALARY number(10),ID\_NO references DEPARTMENT (NO));
* Insert into values(‘SHARMA’,’MIDDLE’,’PARESHBHAI’,’8YEAR’,280000,’S001’);
* Insert into values(‘KAIF’,’VIRAJ’,’JAYESHBHAI’,’12YEAR’,18 00000,’S002’);
* Update MANAGER set SALARY=SALARY/2;
* Alter table MANAGER add constraint DIP primary key(SALARY);
* Alter table MANAGER drop primary key;
* Rename MANAGER to MANAGER;
* Select \* from MANAGER where EXPERIENCE=’8 YEAR’;
* Delete \* from MANAGER where SALARY=2,80,000;

**COMPANY TABLE**

|  |  |  |
| --- | --- | --- |
| NAME | COM\_ID | SE\_NO |
| JMC | D1001 | A001 |
| P.S.PATEL | D1002 | A002 |

* Create table COMPANY(NAME varcgar2(10),COM\_ID varchar2(10),SE\_NO varchar2(5) primary key);
* Insert into COMPANY(‘JMC’,’D1001’,’A001’);
* Insert into COMPANY(‘P.S.PATEL’,’D1002’,’A002’);
* Select \* from COMPANY;
* Insert into COMPANY values(‘INFOSIS’,’D1003’,’A003’);
* Update COMPANY set NAME=’L&T’ where NAME=’ P.S.PATEL’;
* Alter table COMPANY modify(NAME varchar2(15));

**COLLEGE TABLE**

|  |  |  |  |
| --- | --- | --- | --- |
| NAME | ID\_NO | COLLEGE\_ID | ADDRESS |
| PUNA UNIVERSITY | S001 | 321189 | PUNA |
| IIT KANPUR | S002 | 449355 | KANPUR |
| DDIT | S003 | 590458 | GUJRAT |

* Create table COLLEGE(NAME varchar2(10),ID\_NO varchar2(5),COLLEGE\_ID references DEPARTMENT(NO),ADDRESS varchar2(10));
* Insert into COLLEGE values(‘PUNA UNIVERSITY’,’S001’,321189,’PUNA’);
* Insert into COLLEGE values(‘IIT KANPURE’,’S002’,449355,’KANPUR’);
* Insert into COLLEGE values(‘DDIT’,’S003’,590458,’GUJRAT’);
* Select \* from COLLEGE order by COLLEGE\_ID desc;
* Select \* from COLLEGE where ADDRESS not in(‘PUNA’);
* Select count(COLLEGE\_ID) from COLLEGE;
* Alter table COLLEGE add constraint smit foreign key(ADDRESS);
* Alter table COLLEGE drop foreign key;
* Alter table COLLEGE drop smit;

**PROJECT TABLE**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NAME | NO | STARTOF\_DATE | COMOF\_DATE | SE\_NO |
| RIVERFRONT | A132 | 23-MAY-2001 | 11-SEP-2009 | D001 |
| NETWORKSUFF. | B482 | 11-JAN-1991 | 06-DEC-2000 | D002 |
| GREASERCH | B738 | 19-AUG-2003 | 02-FEB-2006 | D003 |

* Create table PROJECT(NAME varchar2(15),NO varchar2(5),STARTOF\_DATE date,COMOF\_DATE date,SE\_NO refernces EMPLOYEE(NO));
* Insert into values(‘RIVERFRONT’,’A132’,’ 23-MAY-2001’,’ 11-SEP-2009’,’D001’);
* Insert into values(‘NETWORKSUFF’,’B482’,’ 11-JAN-1991’,’ 06-DEC-2000’,’D002’);
* Insert into values(‘GREASERCH’,’B738’,’ 19-AUG-2003’,’ 02-FEB-2006’,’D003’);
* Select count (NO) from PROJECT;
* Rename PROJECT to PROJECT\_LIST;

**DEPARTMENT TABLE**

|  |  |  |  |
| --- | --- | --- | --- |
| NAME | NAME OF HENDLLER | SEX | NO |
| MEDICAL | R.V.GETS | MALE | S001 |
| TECHNOLOGY | P.S.JADIYA | FEMALE | S002 |
| COMMERCE | Y.U.MAHERA | FEMALE | S003 |

* Create table DEPARTMENT(MEDICAL varchar2(10),NAME OF HENDLLER VARCHAR2(10),SEX varchar2(10),NO varchar2(5) primary key);
* Insert into DEPARTMENT values(‘MEDICAL’,’R.V.GETS’,’MALE’,’S001’);
* Insert into DEPARTMENT values(‘TECHNOLOGY’,’P.S.JADIYA’,’FEMALE’,’S002’);
* Insert into DEPARTMENT values(‘COMMERCE’,’Y.U.MAHERA’,’FEMALE’,’S003’);
* Alter table DEPARTMENT add constraint ankit primary key(NO);
* Alter table DEPARTMENT modify(NO not null);
* Alter table DEPARTMENT add (constraint ankit check(NAME=lwr(NAME)));
* Alter table DEPARTMENT drop primary key;
* Alter table DEPARTMENT drop constraint ankit;

**SECTION TABLE**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| DANCING | MUSIC | STUDY | ACTING | ENROL\_NO |
| BOLLYWOOD | POP | READING | GUJRATI | F001 |
| KATTHAK | GAZAL | WRITTING | ENGLISH | F002 |

* Create table SECTION(DANCING varchar2(10),MUSIC varchar2(10),STUDY vacrchar2(10),ACTING varchar2(10),ENROL\_NO referencesSTUDENT(ENROL\_NO));
* Insert into SECTION values(‘BOLLYWOOD’,’POP’,’READING’,’GUJRATI’,’F001’);
* Insert into SECTION values(‘KATTHAK’,’GAZAL’,’WRITTING’,’ENGLISH’,’F002’);
* Create table SECTION1(DANCING,STUDY)as select DANCING,STUDY from SECTION;
* Select count(MUSIC) from SECTION;
* Select count(STUDY) from SECTION where ACTING=’GUJRATI’;

**HOW TO HELP THIS PROJECT FOR STUDENT**

**USER PROFILE**

* Various categories of the users include:
* **Student,** who can send query, view queries with answer, new jobs available to the system and update his/her profile regularly.
* **Faculty,** who can response of query posted by student and can change password.
* **Employer,** who is acompany agent can register on this web-site and can have a good opportunity to recruit intelligent students from the Educational Institute.
* **The administrator** will maintain the database and check the feedback.
* **Any visitor** of this website can give suggestion and can view the latest technology news.

**USE -CASES**

* The figures below are the use case diagrams for six categories of users, namely Student, faculty, employer, franchisee, visitors and admin. And more than

* While admin have access rights to all the modules, the Student, faculty, employer and visitors have the limited access. Since admin is responsible for all the update operation in the database, admin holds special privileges in terms of the access to the database and modules both. Here in, the admin is given access to the website update module directly on the internet, independent of the location and independent of the machine.
* As shown in the below use E-R Diagrame, there are the six category of the users are considered for the system who directly interact with the system. They are namely and more than:
* Students
* Faculty
* Employer
* Administrator









**CONCLUSION**.

AFTER THIS PROJECT WE KNOW THAT THE HOW

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