DATABASE MANAGEMENT SYSTEM

Assignment 2

Extracurricular Activity System of Students

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Sem : 5th Semester

Year : 2017

Table information:

1. Student table

```
SQL> desc p_student;
 Name                                      Null?    Type
 ----------------------------------------- -------- ----------------------------
 ROLL                                      NOT NULL VARCHAR2(10)
 FNAME                                              VARCHAR2(20)
 LNAME                                              VARCHAR2(20)
 DOB                                                VARCHAR2(10)
 PCODE                                              VARCHAR2(10)
 DCODE                                              VARCHAR2(10)
```

2. Extracurricular table

```
SQL> desc p_extra;
 Name                                      Null?    Type
 ----------------------------------------- -------- ----------------------------
 ROLL                                      NOT NULL VARCHAR2(10)
 CATEGORY                                  NOT NULL VARCHAR2(20)
 TITLE                                     NOT NULL VARCHAR2(20)
```

3. Contact Table

```
SQL> desc p_contact;
 Name                                      Null?    Type
 ----------------------------------------- -------- ----------------------------
 ROLL                                      NOT NULL VARCHAR2(10)
 MOBILE                                    NOT NULL NUMBER(38)
```

4. Programme table

```
SQL> desc p_prog;
 Name                                      Null?    Type
 ----------------------------------------- -------- ----------------------------
 PCODE                                     NOT NULL VARCHAR2(10)
 PNAME                                              VARCHAR2(50)
 DCODE                                     NOT NULL VARCHAR2(10)
```

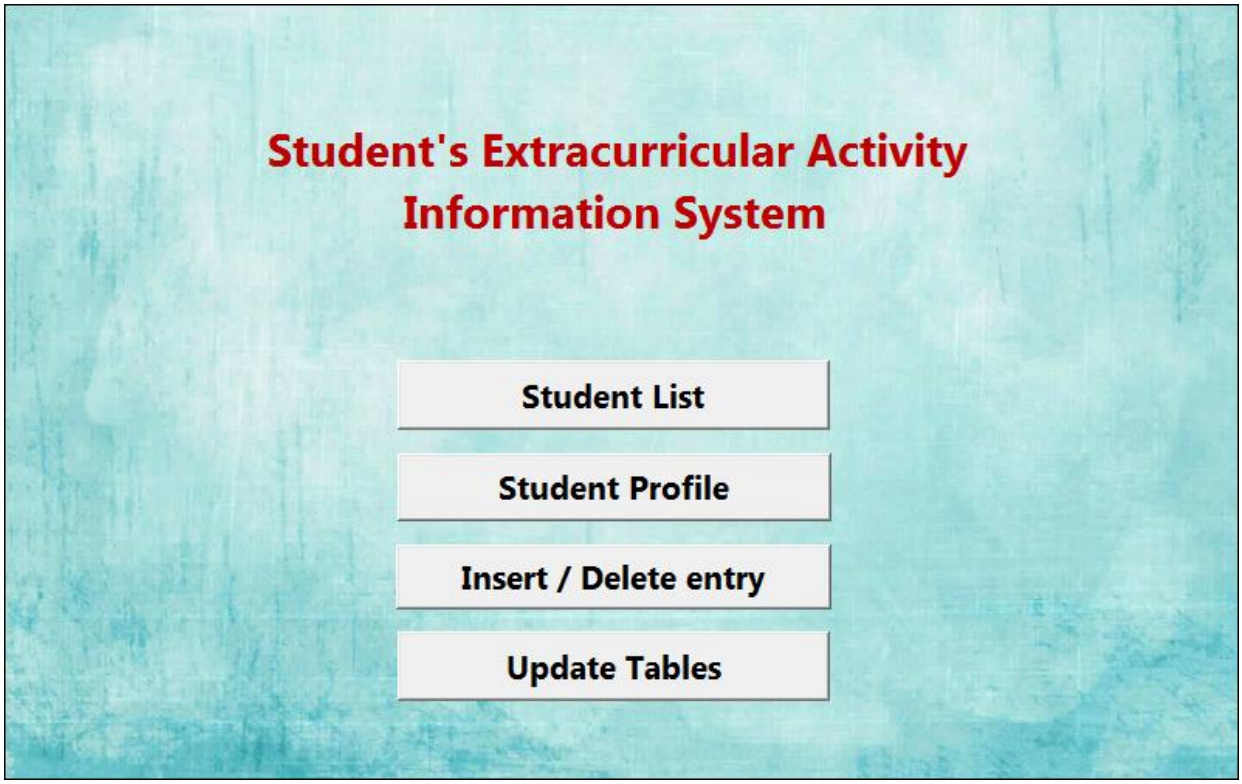
5. Department table

```
SQL> desc p_depart;
 Name                                      Null?    Type
 ----------------------------------------- -------- ----------------------------
 DCODE                                     NOT NULL VARCHAR2(10)
 DNAME                                              VARCHAR2(50)
```

Form information:

MAIN FORM:

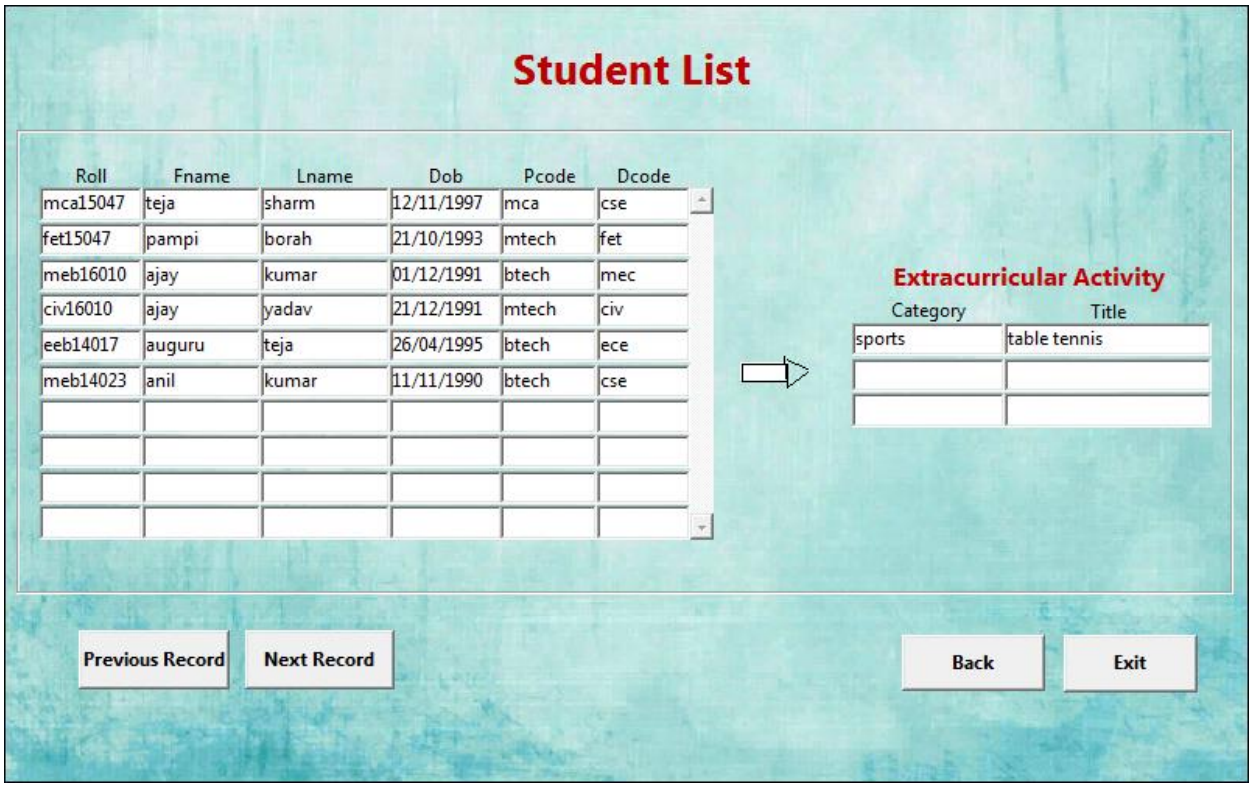
This is the main page of the form where all the forms are connected through the buttons provided.



- **Student List gives the list of students with some information regarding extracurricular activity.**
- **Student profile gives the information related to their profile like mobile number, program info, department info etc.**
- **Insert / Delete entry helps in insertion of the new entries of student and their information and deletion of old entries present in the tables.**
- **Update tables helps in updating the programme and department information.**

STUDENT FORM:

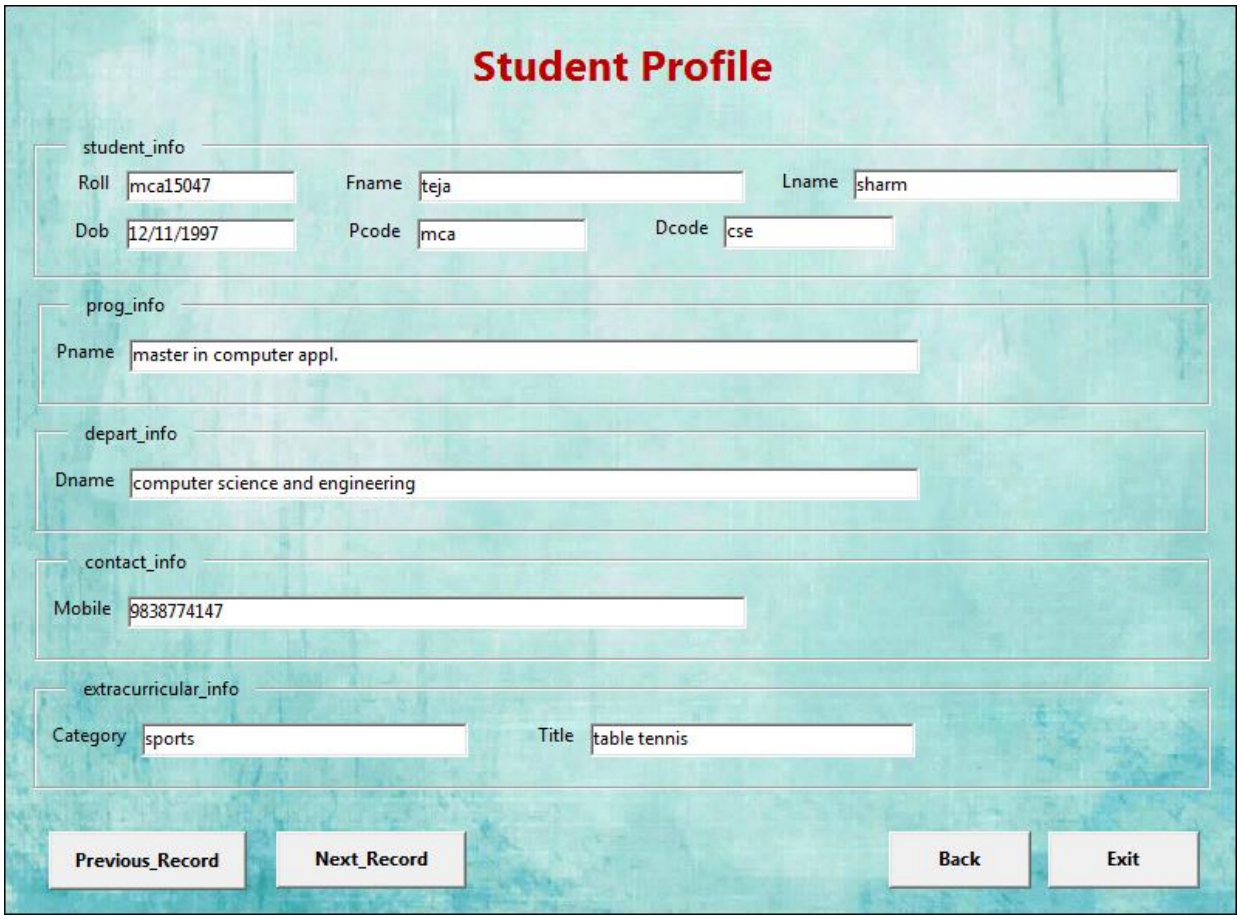
This is the student list form where we can see the list of student and according to the selection of the entries, you can see their extracurricular activities information.



- **Previous Record** is for moving the selection upwards.
- **Next Record** is for moving the selection downwards.
- **Back Button** is to navigate to the main form.
- **Exit Button** is to close the student list form.

STUDENT PROFILE:

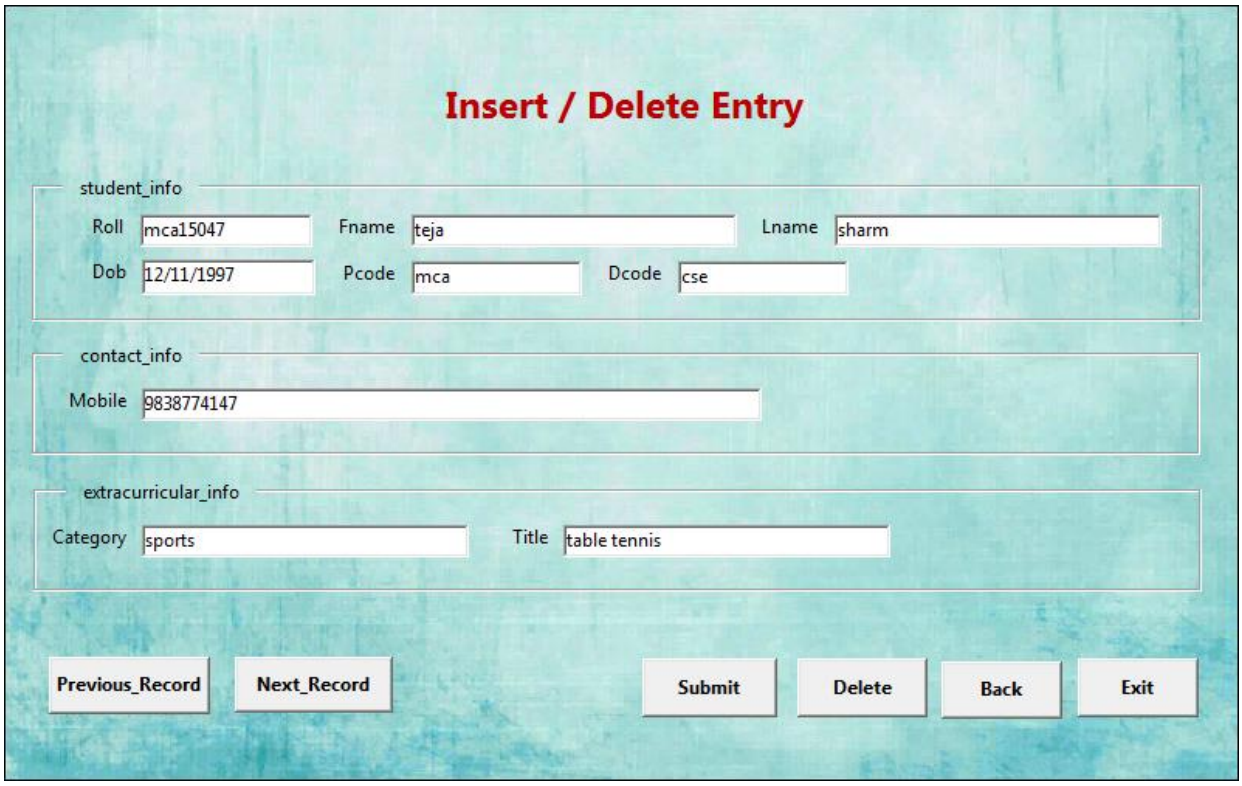
This is the Student profile form where we can see the profile of each student and the information related to them.



- **Previous Record** is for moving the selection upwards.
- **Next Record** is for moving the selection downwards.
- **Back Button** is to navigate to the main form.
- **Exit Button** is to close the student list form.

INSERT / DELETE ENTRY:

This is the Insert / Delete entry form where we can insert new entry of student information as well as delete the old entries of student information.



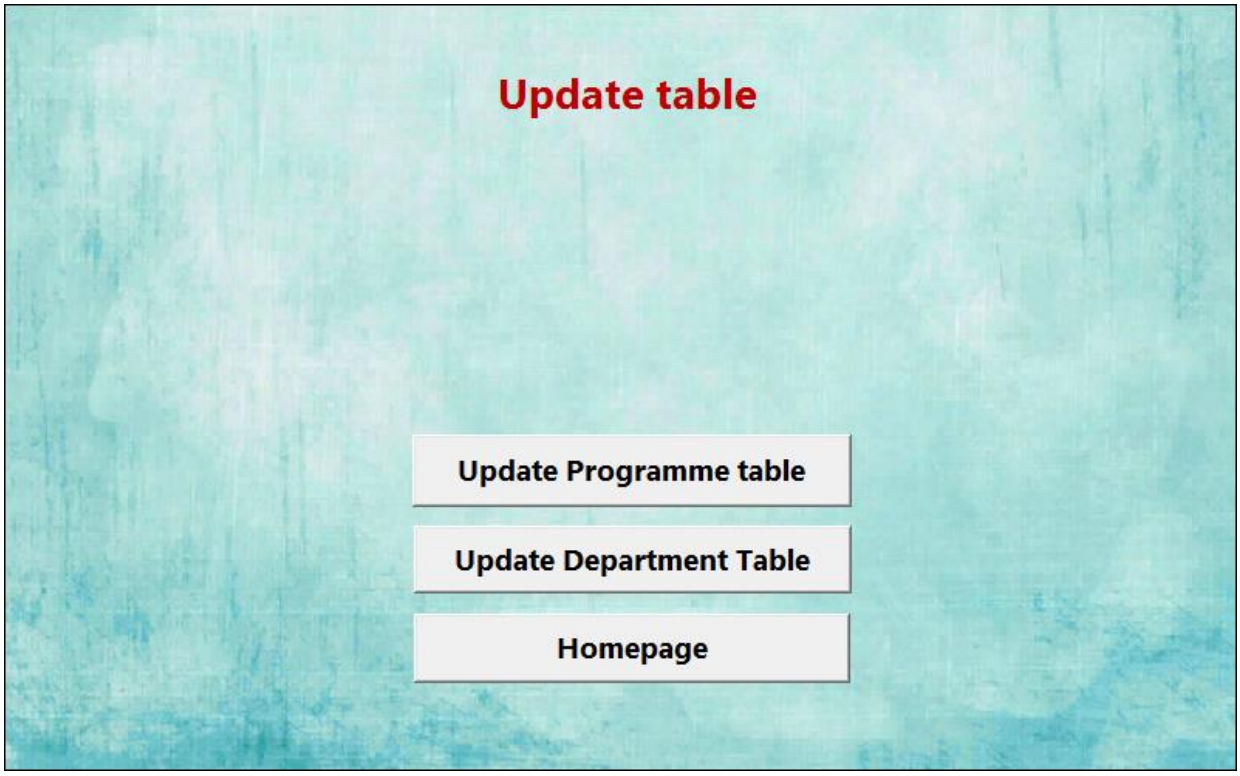
- **Previous Record** is for moving the selection upwards.
- **Next Record** is for moving the selection downwards.
- **Submit Button** is for inserting the new entry.
- **Delete Button** is for deleting the old entry.
- **Back Button** is to navigate to the main form.
- **Exit Button** is to close the student list form.

UPDATE TABLE:

This is the update table form where there is option for updating the two tables

1st programme table

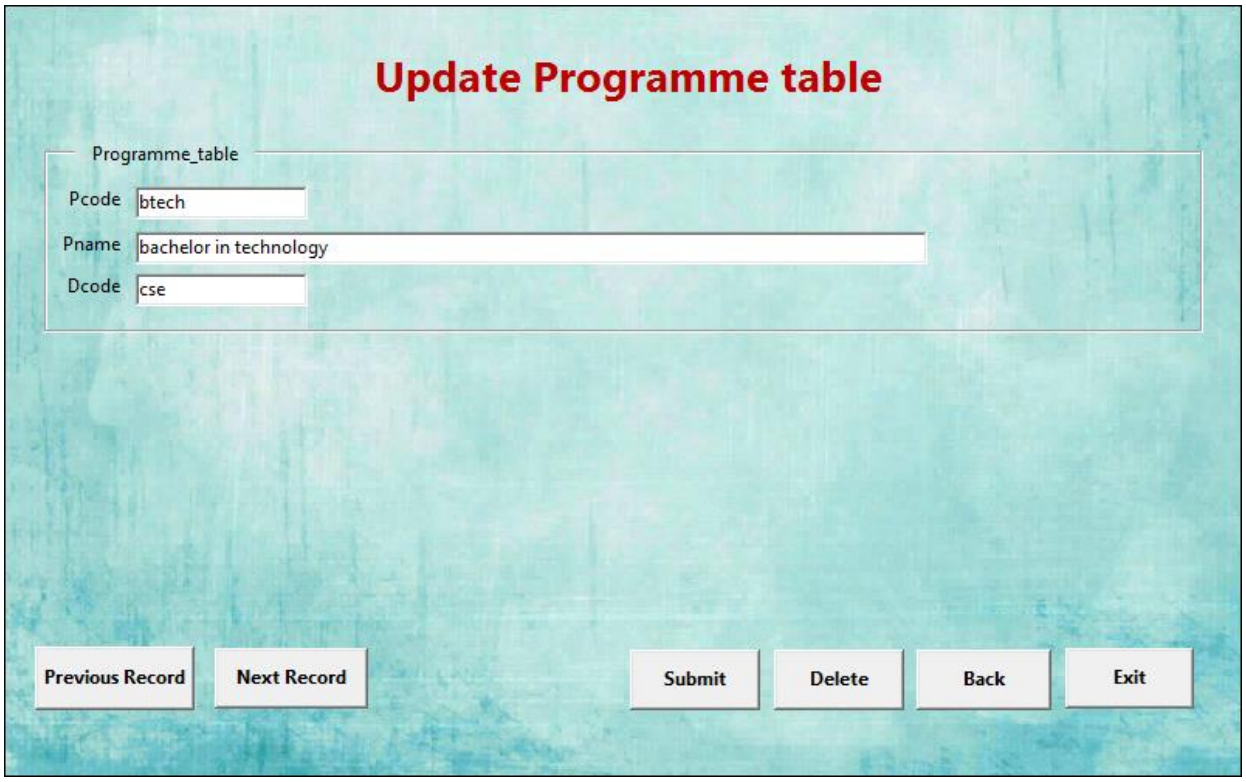
2nd department table



- **Update programme table will navigate to update programme form.**
- **Update department table will navigate to update department form.**
- **Homepage will navigate to main form.**

UPDATE PROGRAMME TABLE:

This is the update programme table form where you can insert and delete a programme entry.



- **Previous Record** is for moving the selection upwards.
- **Next Record** is for moving the selection downwards.
- **Submit Button** is for inserting the new entry.
- **Delete Button** is for deleting the old entry.
- **Back Button** is to navigate to the main form.
- **Exit Button** is to close the student list form.

UPDATE DEPARTMENT TABLE:

This is the update department table form where we can insert and delete the department entry.

- **Previous Record** is for moving the selection upwards.
- **Next Record** is for moving the selection downwards.
- **Submit Button** is for inserting the new entry.
- **Delete Button** is for deleting the old entry.
- **Back Button** is to navigate to the main form.
- **Exit Button** is to close the student list form.