

DATABASE MANAGEMENT SYSTEM

Assignment 2

Extracurricular Activity System of Students

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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)

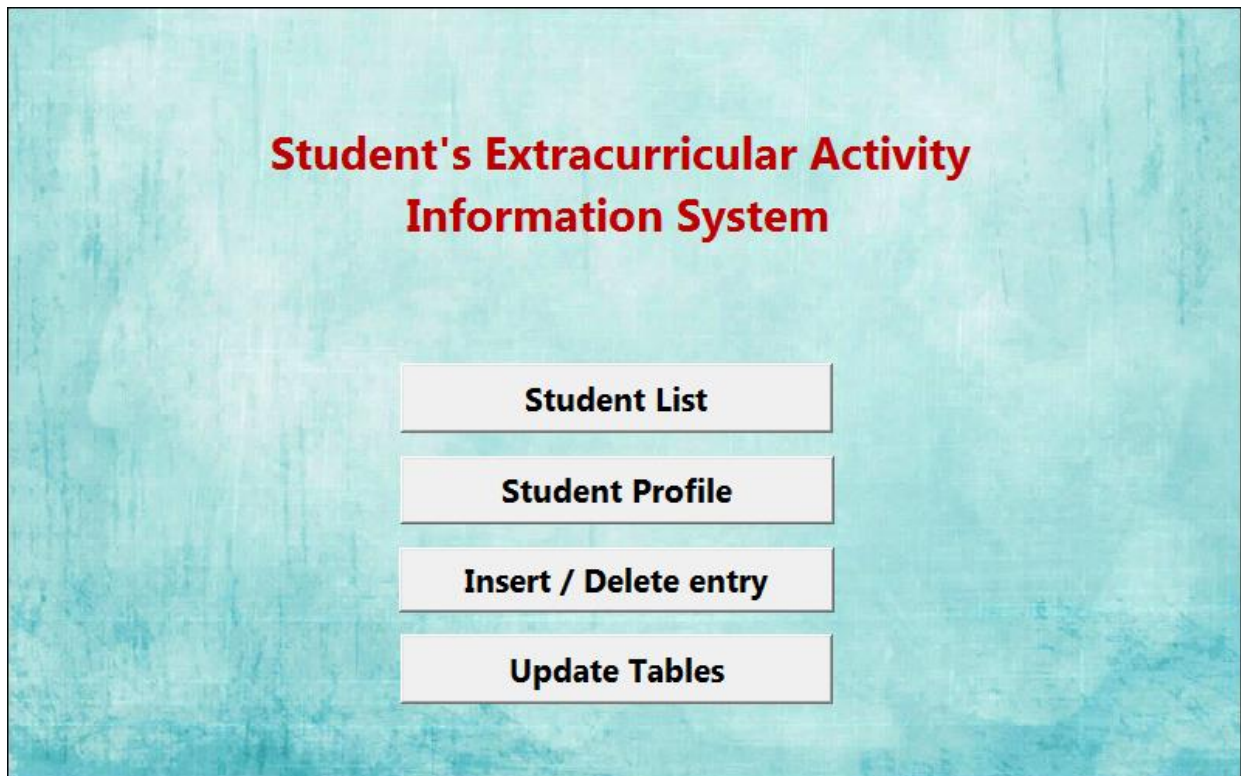
5. Department table

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.

Student List

Roll	Fname	Lname	Dob	Pcode	Dcode
mca15047	teja	sharm	12/11/1997	mca	cse
fet15047	pampi	borah	21/10/1993	mtech	fet
mcb16010	ajay	kumar	01/12/1991	btech	mec
civ16010	ajay	yadav	21/12/1991	mtech	civ
eeb14017	auguru	teja	26/04/1995	btech	ece
mcb14023	anil	kumar	11/11/1990	btech	cse

Extracurricular Activity

Category	Title
sports	table tennis

Previous Record

Next Record

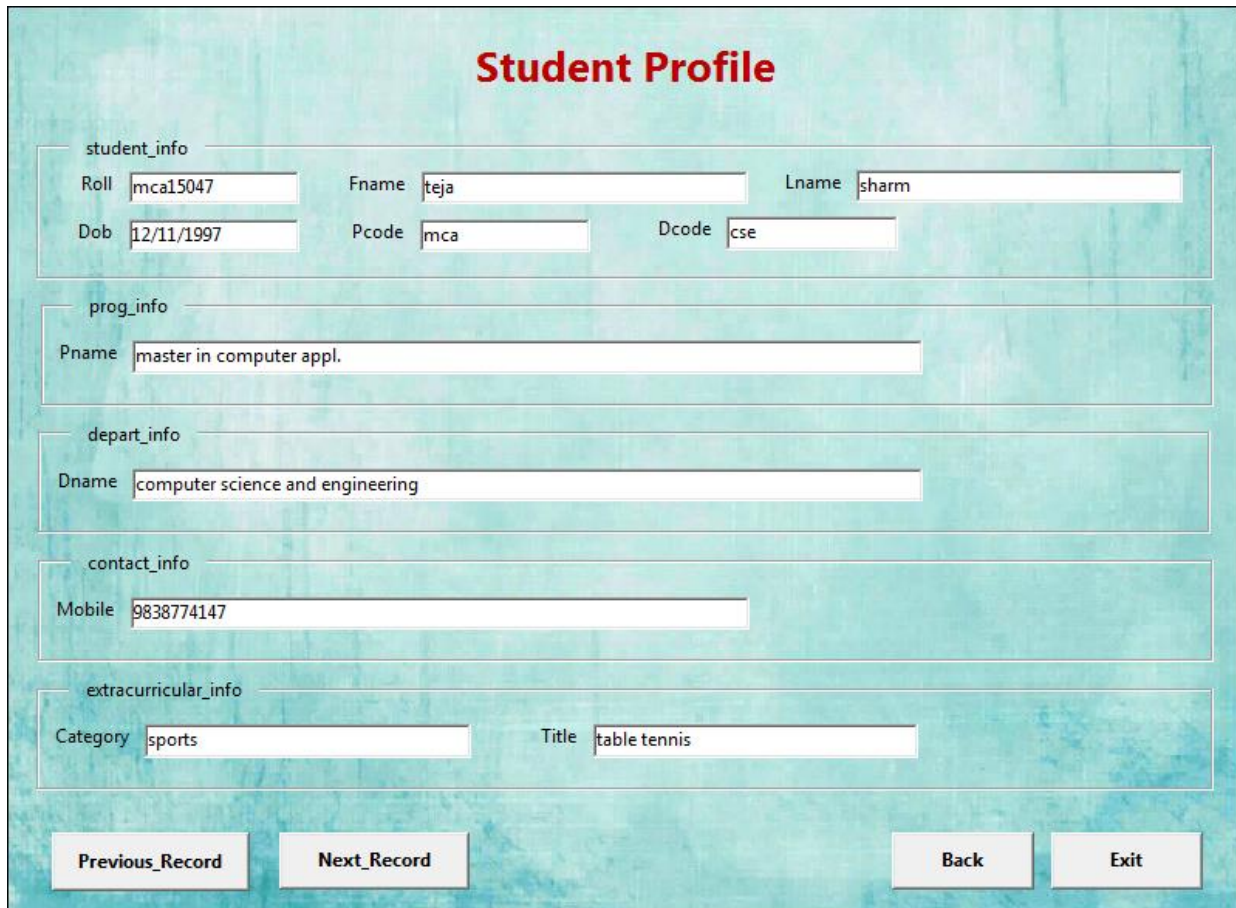
Back

Exit

- **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.



The screenshot shows a web form titled "Student Profile" with a light blue background. The form is organized into several sections, each with a label and a set of input fields. The sections are: "student_info" containing fields for Roll, Fname, Lname, Dob, Pcode, and Dcode; "prog_info" containing a field for Pname; "depart_info" containing a field for Dname; "contact_info" containing a field for Mobile; and "extracurricular_info" containing fields for Category and Title. At the bottom of the form, there are four buttons: "Previous_Record", "Next_Record", "Back", and "Exit".

Student Profile					
student_info					
Roll	mca15047	Fname	teja	Lname	sharm
Dob	12/11/1997	Pcode	mca	Dcode	cse
prog_info					
Pname	master in computer appl.				
depart_info					
Dname	computer science and engineering				
contact_info					
Mobile	9838774147				
extracurricular_info					
Category	sports	Title	table tennis		
Previous_Record		Next_Record		Back	
				Exit	

- **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.

Insert / Delete Entry

student_info

Roll Fname Lname

Dob Pcode Dcode

contact_info

Mobile

extracurricular_info

Category Title

- **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.



Update Programme table

Programme_table

Pcode


Pname

Dcode

- **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.



Update Department Table

Dcode

Dname

- **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.