

MygoMinds, 8885302122

# University

## Administration System

### .Net Project

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**Abstract**

1.	Name of the Project	University Administration System
2.	Objective/ Vision	<p>To create a user-friendly web Application for maintenance of the University Administration</p> <p>The System is used to maintain the Department,Courses,Instructors along with Student Details</p>
3.	Modules	<ol style="list-style-type: none"> <li>1. Departments</li> <li>2. Instructors</li> <li>3. Courses</li> <li>4. Students</li> </ol>
4.	Functional Requirements	<ul style="list-style-type: none"> <li>• The main aim of the project is to maintain Different operations that was related to Departments, Courses, Instructors and Students of the university</li> <li>• The university contains Different Department details and each Department have Administrator.He will monitor the Budget Details of the Department</li> <li>• The university provides various Courses along with credits, The user of the system can search the Course details by Department name</li> <li>• The university have Different Instructors who will teach various Courses and one instructor can handle many courses and vice versa</li> <li>• The System will also maintain the student information and The user of the system can search the student details by name</li> <li>• The System will allow to Update,Delete,Display the Details of the Descriptors.</li> </ul>
5.	Backend	<ul style="list-style-type: none"> <li>• MS SqlServer-2008</li> </ul>
6.	Tools to be Used	<ul style="list-style-type: none"> <li>• Microsoft Visual Studio Editor-2010</li> <li>• AJAX Control Toolkit</li> <li>• .NET Framework-4.0</li> <li>• Unified Modeling Language</li> </ul>

## Person

pid	fname	lname	hdate	edate	d...	did
p1	Anil	kumar	NULL	2011-02-03	s	d1
p10	sachin	tendulkar	2011-02-03	NULL	i	d2
p11	robin	singh	2011-02-03	NULL	i	d3
p12	ram	kumar	2011-02-03	NULL	i	d4
p13	rajesh	kumar	2011-02-03	NULL	i	d5
p2	sunil	kumar	NULL	2011-02-03	s	d1
p3	ajay	kumar	NULL	2011-02-03	s	d1
p4	jaideep	naidu	NULL	2011-02-03	s	d2
p5	chaitanya	krishna	NULL	2011-02-03	s	d2
p6	chandra	sekhar	NULL	2011-02-03	s	d3
p7	kamesh	kumar	2011-02-03	NULL	i	d1
p8	kiran	kumar	2011-02-03	NULL	i	d1
p9	robert	bosch	2011-02-03	NULL	i	d2

## course

cid	cname	credits
c1	EDC	6
c10	SE	6
c11	DLD	6
c12	NT	6
c13	ET	6
c14	PS	6
c2	PDC	6
c3	SS	6
c4	CS	6
c5	C	6
c6	C++	6
c7	DAA	6
c8	OS	6
c9	CO	6

## Department

did	dname	budget	startdate	pid
d1	ECE	200000.0000	2011-02-03	p7
d2	CSE	300000.0000	2011-02-03	p10
d3	IT	1000000.0000	2011-02-03	p11
d4	EEE	1500000.0000	2012-03-05	p12
d5	Mechanical	2500000.0000	2012-03-05	p13

## officeassignment

pid	location
p7	Hyderabad
p8	Hyderabad
p9	vizag
p10	mumbai
p11	Hyderabad
p12	chennai
p13	Banglore

## semester

sid	sname
s1	1
s2	2-1
s3	2-2
s4	3-1
s5	3-2
s6	4-1
s7	4-2

## enrollment

pid	did	sid
p1	d1	s1
p2	d1	s1
p3	d1	s1
p4	d2	s1
p5	d2	s1
p6	d3	s2

## Courseinstructor

## coursedept

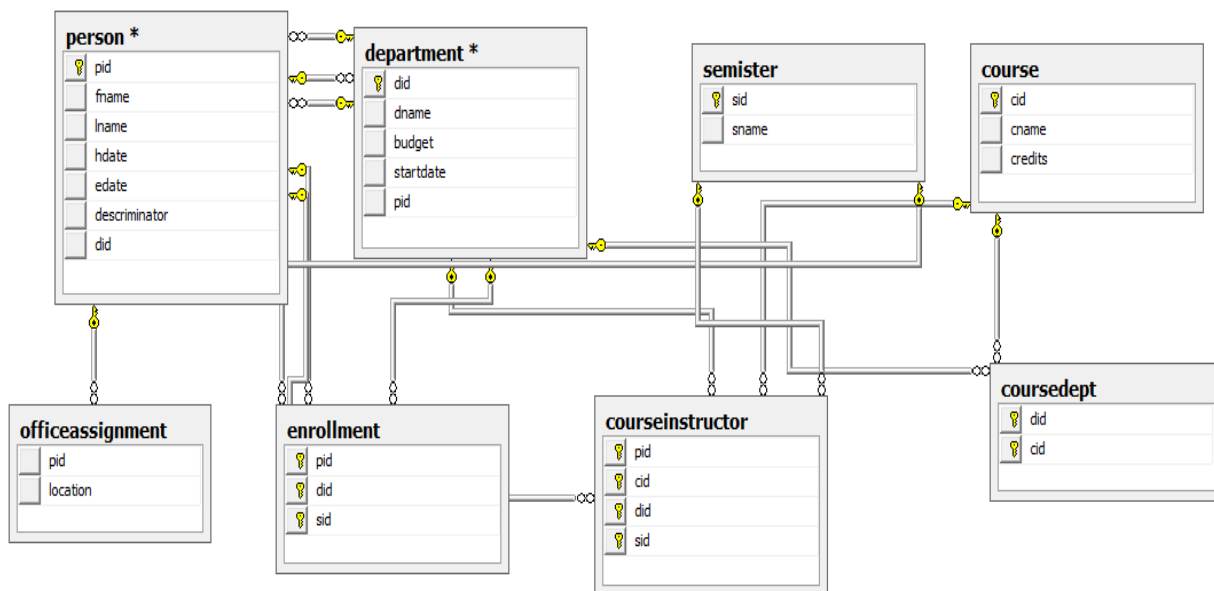
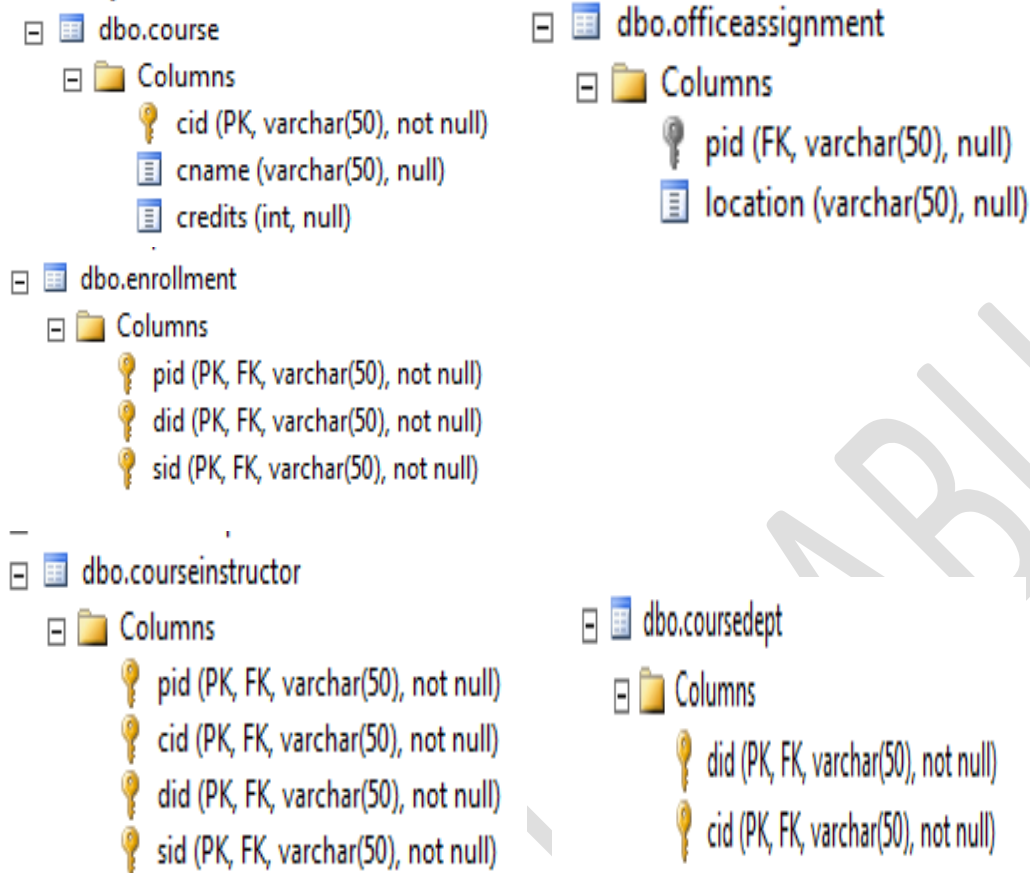
pid	cid	did	sid
p10	c7	d2	s2
p10	c8	d2	s2
p10	c8	d3	s2
p10	c9	d2	s2
p12	c12	d1	s1
p12	c12	d4	s1
p12	c13	d4	s2
p12	c14	d4	s2
p7	c1	d1	s1
p7	c1	d2	s1
p7	c11	d1	s2
p7	c11	d2	s2
p7	c4	d1	s2
p8	c2	d1	s2
p8	c3	d1	s2
p9	c10	d2	s2
p9	c5	d1	s1
p9	c5	d2	s1
p9	c5	d3	s1
p9	c6	d2	s2

did	cid
d1	c1
d1	c11
d1	c2
d1	c3
d1	c4
d2	c10
d2	c5
d2	c6
d2	c7
d2	c8
d2	c9
d4	c12
d4	c13
d4	c14

dbo.person
Columns
pid (PK, varchar(50), not null)
fname (varchar(50), null)
lname (varchar(50), null)
hdate (date, null)
edate (date, null)
discriminator (char(1), null)
did (FK, varchar(50), not null)

dbo.department
Columns
did (PK, varchar(50), not null)
dname (varchar(50), null)
budget (money, null)
startdate (date, null)
pid (FK, varchar(50), null)

dbo.semister
Columns
sid (PK, varchar(50), not null)
sname (varchar(50), null)



1. Create a Table with name person with columns Pid, fname,lname, Hdate, edate, Discriminator Apply Primary key for pid,did and apply foreign key for did?
2. Create a Table with name Department with columns Did, dname, Budget, startdate, pid Apply Primary key for did and Foreign key for pid ?
3. Create a table with name semester with columns sid,sname Apply Primary key for sid?
4. Create a table with name course with columns cid, cname, credits Apply primary key for Courseid ?
5. Create a table with name office Assignment with columns pid and location Apply foreign key for pid?
6. Create a table with name enrollment with columns pid,sid,did Apply foreign key constraint for pid,sid,did and primarykey for pid,sid,did?
7. Create a table with name courseinstructor with columns pid,cid,did,sid Apply Foreign key constraint for pid,cid,did,sid and apply primary key constraint for pid,cid,did,sid?
8. create a table with name coursedept table with columns did,cid apply foreign key constraint for pid,cid and primary key for pid,cid?
9. WAQ to display person details.
10. WAQ to display person firstname and lastname.
11. WAQ to display Instructor Names.
12. WAQ to display Student Names.
13. WAQ to display Dept Names.
14. WAQ to display semesters?
15. WAQ to display the coursename belongs to 1year?
16. WAQ to display the coursename belongs to 2-1 semester?
17. WAQ to display the students belongs to 1year CSE dept?
18. WAQ to display the no of employees working in ECE Dept?
19. WAQ to display the budget assigned for CSE dept?
20. WAQ to display depthead for ECE dept?
21. WAQ to display the Student Names belonging to ECE dept?
22. WAQ to display the Course Names?
23. WAQ to display Course Names from ECE department?
24. WAQ to display the no of courses that are available in ECE dept?
25. WAQ to count the no of departments available in University?
26. WAQ to display no of courses available in each dept?

27. WAQ to display the employees working in CSE Department?
28. WAQ to display course names starting with 'c'.
29. WAQ to display the Instructor Names who is teaching 'c'.
30. WAQ to display Instructor Names who are teaching 'c' and 'c++'.
31. WAQ to display StudentNames starting with 'j'.
32. WAQ to update student firstname from kiran to karan.
33. WAQ to display Hodnames of each Dept
34. WAQ to display the courses taught by sachin.
35. WAQ to display the student details who are Enrolled in ECE Dept.
36. WAQ to display dept names whose no of courses is >2?
37. WAQ to display student name, Deptname and EnrollmentDate.
38. WAQ to display the no. of courses available in ECE Dept?
39. WAQ to display the nof students enrolled for each dept
40. WAQ to display the no of subjects teaching by sachin.
41. WAQ to display the list of course name taught by robin.
42. WAQ to display Instructor Name & office Location
43. WAQ to display student name who enrolled for course CSE Dept'
44. WAQ to display student firstname, lastname and Enrollment date.
45. WAQ to display no of students Enrolled on 2011-02-03.
46. WAQ to display Instructor names who belongs to CSE Dept?
47. WAQ to count no. of credits assigned for CSE dept.
48. WAQ to display Department name and instructor name
49. WAQ to display courseid, coursename, deptname and credits.
50. WAQ to count no of instructors working in each department.
51. WAQ to display who enrolled for course CSE order by Studentname
52. WAQ to display course name starting with 'c'.
53. WAQ to display instructor name, location, deptname and coursename.
54. WAQ to display studentname, deptname and enrollmentdate.
55. WAQ to display person detail whose discriminator='i'.
56. WAQ to display no. of courses available in CSE dept. along with deptname.
57. WAQ to display deptname starting with E.

58. WAQ to display depthead of 'CSE.
59. WAQ to display all dept head names with deptname.
60. WAQ to display dept.head names not starting with "s".
61. WAQ to display no. of years exp. for sachin
62. WAQ to count no. of students studying in university.
63. WAQ to display empname and location?
64. WAQ to display student fullname and grade?
65. WAQ to display the studentnames Enrolled for CSE Dept 1year?
66. WAQ to display the enames working in IT Dept?
67. WAQ to display the syllabus of ECE dept 1year?
68. WAQ to display the syllabus of ECE dept 2-1?
69. WAQ to create a view to display the employee details who are working in CSE Department?
70. WAQ to count the number of students that are available in the university?
71. WAQ to count the number of students that are available in each department ?
72. WAQ to create a view to display instructor Details who are working in CSE Department?
73. WAQ to create a view to display instructor Details who are working in ECE Department order by firstname?
74. WAQ to create a view to display student details?
75. Create a stored procedure to insert Records in person table?
76. Create a Stored procedure to delete kiran from person table?
77. Create a Stored procedure to update firstname from sachin to sachinramesh?
78. Create a Stored procedure to display student firstname, lastname, Enrollmentdate?
79. Create a Stored procedure to display student firstname, lastname, Enrollmentdate, Departmentname?
80. Create a Stored procedure to display students that are enrolled for ECE Dept?
81. Create a Stored procedure to display Department details order by department name?
82. Create a Stored procedure to display the number of courses that are available in each department?
83. Create a Stored procedure to Display the instructor names who are teaching C, C++ ?
84. Create a Stored procedure to count the number of students enrolled for CSE?
85. Create a Stored procedure to display courses taught by sachin?
86. Create a Stored procedure to display student names that enrolled for ECE?
87. Write a TSQL Program to display fullname of p1?



88. Create a Trigger to display person details after inserting the record in person table?
89. Create a Trigger to insert personid in officeAssignment Table whenever any new instructor is created?
90. Create a View To display Instructor details along with Location and create a instead of trigger to insert the record in both persontable and office assignment table?
91. WAQ to display the person details along with rowid?
92. Create a stored procedure to display instructor details along with location whose name starts with s?
93. Create a Stored procedure to check whether login user is valid or invalid?
94. Write a TSQL Program to update lastname based on Firstname?
95. Create a Stored Procedure to Count the number of courses available in each department?
96. Create a Table with name personbackup with columns  
opid,olname,ofname,ohdate,oedate,oDiscriminator, Npid,Nlname,Nfname,  
Nhdate,Nedate,NDiscriminator Create a Trigger to insert a record in person  
table whenever we insert the record in person table then automatically insert  
pid,lname,fname,hdate,edate,discriminator in Npid,Nlname,Nfname,  
Nhdate,Nedate,NDiscriminator of personbackup and whenever user delete the  
record in person table then automatically insert the deleted records in  
opid,olname,ofname,ohdate,oedate,oDiscriminator in person Table?
97. Create a procedure to display the no of courses that are available in each  
Department?
98. Create a procedure to display The Course name and Department name that are  
available in the university?
99. Create a stored procedure to display the coursename, Credits and department  
name?
100. Create a Procedure to display the Instructor Names who is teaching 'c++'.
101. Create a Stored Procedure to display studentname, enrollmentdate,  
deptname order by studentname?
102. Create a Stored Procedure to display the no of subjects teaching  
bysachin.
103. Create a Stored Procedure to display the instructor names who is teaching  
ET?
104. Create a Stored Procedure to display the instructor names who is teaching  
PS and whose name starts with r?
105. Waq to create a clustered index on person Table?
106. Create a Procedure to count the number of Employees Enrolled for EEE?

- 107. Can we call one stored procedure in another stored procedure?
- 108. Waq to display all the Tablenames in UAS Database?
- 109. waq to display all the database names that are available in your system?
- 110. Create a Tsql Program to print a Message Best Of Luck?