

Project Crescendo: Course Management System - draft



There are three user roles: **ADMINISTRATOR**, **STUDENT** and **INSTRUCTOR**. The following functions for each role are typically what you will be expected to incorporate in a website but you can add more if you feel that it will add more functionality. You should have a general login that allows you to login and then determine whether you have access to student, instructor or administrator pages. Note that the ER diagram given to you for the most part is complete with the entities and relationships. However, if your team feels like adding more entities and attributes, you can certainly do so.

WELCOME TO



TREADMARK



Username:

Password:

Login

Login Screen (Sample only)



Guinness

ADMINISTRATOR

For the administrator, you will be forwarded to a welcome page (adminFront.php) upon successful attempt of your username and password. From here, you have the several categories and the option to select for each of this category. See sample menu on right.

Student


Resources:	Add/Update Student
Students:	Student ID: <input type="text"/>
Add a Student	First Name: <input type="text"/>
Search Students	Last Name: <input type="text"/>
Back to Admin Home	Phone: <input type="text"/>
Log Out	Street Address: <input type="text"/>
	City: <input type="text"/>
	State: <input type="text"/>
	Zip: <input type="text"/>
	Student Password: <input type="password"/>
	Active: <input type="text" value="No"/> Class Standing: <input type="text" value="Freshman"/> <input type="button" value="submit"/>

TREADMARK
Students
<ul style="list-style-type: none">Add New StudentSearch All Students
Departments
<ul style="list-style-type: none">Create New DepartmentView All Departments
Instructors
<ul style="list-style-type: none">Add an InstructorView All Instructors
Majors
<ul style="list-style-type: none">Create New MajorView All Majors
Sections
<ul style="list-style-type: none">Add New MajorView All Sections
Courses
<ul style="list-style-type: none">View Courses
TreadMark Home
Logout

Add a student:
(studentAdd.php)

Search a student: (studentSearch.php)

Resources:	Search Students
Students:	First Name : <input type="text"/>
Add a Student	Last Name : <input type="text"/> <input type="button" value="Search"/>
Search Students	<input type="button" value="View All"/>
Back to Admin Home	
Log Out	



Note: You might also want to search by student's ID also.

Search Results:

Student ID	Last Name	First Name	Actions
4356789	Johns	Jimmy	View Update
7829200	Doe	Jane	View Update

Sample provided below - note the missing student's ID:

Resources:	Search Students
Students:	First Name Last Name
Add a Student	Jenna Lara Details Update Info
Update a Student	
Search Students	
Back to Admin Home	
Log Out	

Display details of a student: (studentDetail.php)

Resources:	Detail of Student
Students:	Student ID: 002555159
Add a Student	Name: Jenna Lara
Search Students	Phone Number: 414840425
Back to Admin Home	Street Address: 2802 S. 47th St.
Log Out	City: Milwaukee
	State: IL
	Zip: 53219
	Student Password: yesiam
	Active: 0
	Class Standing: SR
	Major(s) Declared:
	OSCM
	FINA

Update a student: (studentUpdate.php)

Note:

Major* has a drop down list of the majors available

If a student is NOT ACTIVE, it is equivalent to a student dropped or transferred out of school. The college does not delete student or students record.

Resources:	Update a Student
Students:	
Add a Student	First Name : <input type="text" value="Jenna"/>
Search Students	Last Name : <input type="text" value="Lara"/>
Back to Admin Home	Phone : <input type="text" value="414840425"/>
Log Out	Street Address: <input type="text" value="2802 S. 47th St."/>
	City: <input type="text" value="Milwaukee"/>
	State: <input type="text" value="IL"/>
	Zip : <input type="text" value="53219"/>
	Active-Please note that changing this to "N" will deactivate a student from the University: <input type="text" value="0"/>
	Class Standing : <input type="text" value="SR"/>
	Active: <input type="text" value="No"/>
	Majors:
	OSCM
	FINA

Instructor

Add instructor: (instructorAdd.php)

Resources:	Add/Update Instructor
Instructors:	
Add an Instructor	Faculty ID: <input type="text"/>
Search Instructors	First Name: <input type="text"/>
Back to Admin Home	Last Name: <input type="text"/>
Log Out	Faculty Password: <input type="text"/>
	Office Phone: <input type="text"/>
	Office Room: <input type="text"/>
	Street Address: <input type="text"/>
	City: <input type="text"/>
	State: <input type="text"/>
	Zip: <input type="text"/>
	Highest Earned: <input type="text" value="Bachelor"/> <input type="button" value="submit"/>

Search instructor: (instructorSearch.php)

Resources:	Search an Instructor
Instructors:	
Add an Instructor	First Name : <input type="text"/>
Search Instructors	Last Name : <input type="text"/>
Back to Admin Home	<input type="button" value="Search"/> <input type="button" value="View All"/>
Log Out	

Search Results:


Student ID	Last Name	First Name	Actions
4356789	Johns	Jimmy	View Update
7829200	Doe	Jane	View Update

Sample Provided - note the missing instructor's ID

Resources:
[Instructors:](#)
[Add an Instructor](#)
[Search Instructors](#)
[Back to Admin Home](#)
[Log Out](#)

Instructor Results

First Name	Last Name	
Jodi	Melamed	Details Update Info




Details (instructorDetail.php)

Note the courses taught previously or currently by instructor.

Resources:
[Instructors:](#)
[Add an Instructor](#)
[Search Instructors](#)
[Back to Admin Home](#)
[Log Out](#)

Add/View an Instructor




Faculty ID: 002698745
Name: Jodi Melamed
Faculty Password: melamed
Office Room: COU152
Office Phone: 4147895487
Street Address: 1236 N. 15th St.
City: Waukesha
State: WI
Zip: 53188
Highest Earned: doctrine (PHD)
Classes Teaching:
ACC030
MAR142
FINA180
INB185

[Update an Instructor](#)

The presentation of the courses could be better. Perhaps group them according to the semester that the instructor has taught etc. You decide as a group of a better presentation. Also you can update the instructor's information through the previous screen or this screen.

Update (instructorUpdate.php)

Resources:	Update an Instructor
Instructors:	
Add an Instructor	First Name : <input type="text" value="Jodi"/>
Search Instructors	Last Name : <input type="text" value="Melamed"/>
Back to Admin Home	Faculty Password : <input type="text" value="melamed"/>
Log Out	Office Room : <input type="text" value="COU152"/>
	Office Phone : <input type="text" value="4147895487"/>
	Street Address: <input type="text" value="1236 N. 15th St"/>
	City: <input type="text" value="Waukesha"/>
	State: <input type="text" value="WI"/>
	Zip : <input type="text" value="53188"/>
	Highest Earned: <input type="text" value="doctrine (PHD)"/>




Note here PhD should be doctorate not doctrine.

Department


Add a department (departmentAdd.php)

Resources:	Add/View a Department
Departments:	
Add a Department	Department Code: <input type="text"/>
Search Departments	Department Name: <input type="text"/>
Log Out	Building: <input type="text"/>
	Phone: <input type="text"/>
	Fax: <input type="text"/>
	<input type="button" value="submit"/>




Search a department (departmentSearch.php)

Add/View a Department	
Department Code :	<input type="text"/>
Department Name :	<input type="text"/>
	<input type="button" value="Search"/> <input type="button" value="View All"/>




Resources:	Department						
Departments: Add a Department Search Departments Back to Admin Home Log Out	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #FFD700;"> <th style="text-align: left; padding: 2px;">Department Code</th> <th style="text-align: left; padding: 2px;">Department Name</th> <th style="text-align: left; padding: 2px;"></th> </tr> </thead> <tbody> <tr> <td style="padding: 2px;">ACCO</td> <td style="padding: 2px;">Accounting</td> <td style="padding: 2px;">Details Update Info</td> </tr> </tbody> </table>	Department Code	Department Name		ACCO	Accounting	Details Update Info
Department Code	Department Name						
ACCO	Accounting	Details Update Info					

Similar to Instructor and Student, you should be able to provide details or update the above information. Also similar to the previous screens, you can update the information through the screen above or this screen.


Resources:	Add/View a Department
Departments: Add a Department Search Departments Back to Admin Home Log Out	<div style="display: flex; justify-content: space-between;"> <div> Department Code: ACCO Department Name: Accounting Building: David Straz Jr. Phone Number: 4148787999 Fax: 4145556677 </div> <div style="text-align: right;">  </div> </div> <div style="text-align: right; margin-top: 10px;"> Update Department </div>

Update a department: (departmentUpdate.php)

Resources:	Update Department
Departments: Add a Department Search Departments Back to Admin Home Log Out	<div style="display: flex; justify-content: space-between;"> <div> Department Name : <input type="text" value="Accounting"/> Building : <input type="text" value="David Straz Jr."/> Phone : <input type="text" value="4148787999"/> Fax : <input type="text" value="4145556677"/> </div> <div style="text-align: right;">  </div> </div> <div style="text-align: center; margin-top: 10px;"> <input type="button" value="Update"/> </div>

Major

Add a major (majorAdd.php)

Resources:	Add/View a Major
Majors: Add a Major Search Majors Log Out	<div style="display: flex; justify-content: space-between;"> <div> Major Code: <input type="text"/> Major Description: <input style="width: 150px;" type="text"/> </div> <div style="text-align: right;">  </div> </div> <div style="text-align: center; margin-top: 10px;"> <input type="button" value="submit"/> </div>

I like to see a few more things.

Department as a drop down list so that we know which department is offering the major.

ACTIVE as a drop down list so that we know if the major is still "alive".

Here is a sample implementation



Add Major

Please fill in all of the information below.

Major Code:

Description:

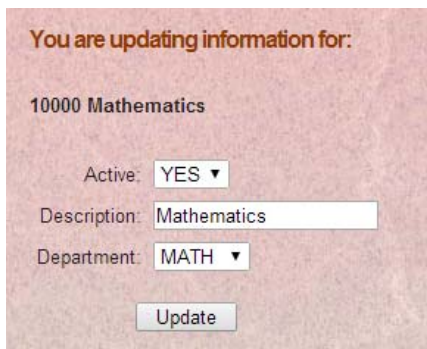
Active:

Department:

Search a course (majorSearch.php)

For update major I want you to show all the majors and whether it is active.

Major Code	Description	Active	Actions
OSCM	Operations and Supply Chain	YES	Details Update
ORMS	Ops Research and Mgmt Sci	NO	Details Update



You are updating information for:

10000 Mathematics

Active:

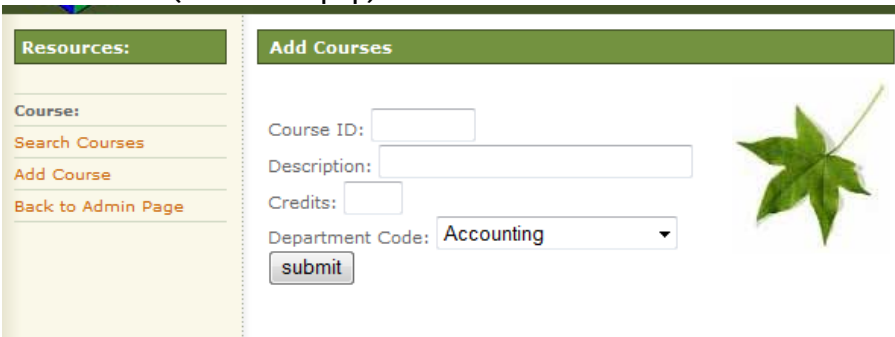
Description:

Department:

Update a major (majorUpdate.php)

Courses

Add a course (courseAdd.php)



Resources:

Course:

[Search Courses](#)

[Add Course](#)

[Back to Admin Page](#)


Add Courses

Course ID:

Description:

Credits:

Department Code:



Department Code has to be a drop down list of the departments available.*

Similar to major, I like to see ACTIVE as a drop down list so that we know if the course is still "alive".

Here is a better view/sample

Add Course

Please fill in all of the information below.

Course:

Description:

Active:

Credits:

Department:

Search a course (courseSearch.php)

Please fill in the information below to narrow your search.

Course ID:

Description:

Update a course (courseUpdate.php)

You are updating information for:

ACCO1000 Financial Accounting

Active:

Description:

Credits:

Department:

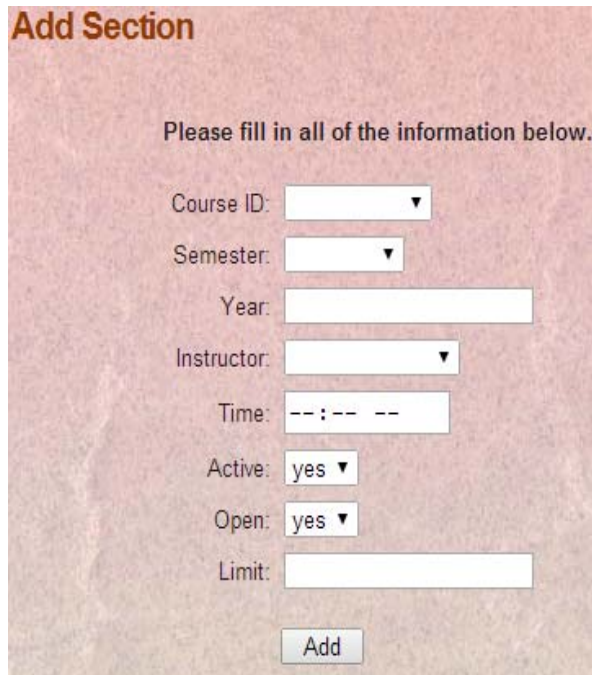
Sections

Add a section (sectionAdd.php)

Resources:	Add/Update Section
Sections: Add a Section Search Sections Back to Admin Page Log Out	<p>Section ID: <input type="text"/></p> <p>Semester: <input type="text"/></p> <p>Year: <input type="text"/></p> <p>Open: <input type="text" value="No"/></p> <p>Limit: <input type="text"/></p> <p>Current: <input type="text" value="0"/></p> <p>Active: <input type="text" value="No"/></p> <p>Course ID: <input type="text"/></p> <p>Room Number: <input type="text"/></p> <p>Time: <input type="text"/></p> <p>Day: <input type="text"/></p> <p>Assign Instructor:</p> <p>Select Instructor: <input type="text" value="none"/> <input type="button" value="submit"/></p>

Note that Semester should be a dropdown i.e. 01-Spring, 02-Summer, 03-Fall. I like to see course ID to be a dropdown list also. (I know it is a stretch but that is the least I want you to do, other suggestions will be considered.)

Here is a better way of implementing.



Limit is the number of students allowed in the class. Current is the default to zero, it tells you the current enrolment. Open means open for registration. A NO under Active indicates the class was dropped because of low enrolment etc.

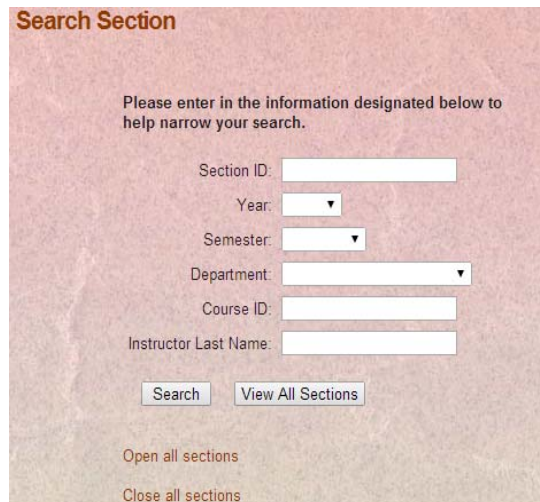
Open all sections for a semester (sectionOpen.php)

This will allow students to register for a given semester. You are to enter the semester and the year and all sections corresponding to that semester will be opened for registration.

Close all sections for a semester (sectionClose.php)

This will close all sections for registration for a given semester. You are to enter the semester and the year and all sections corresponding to that semester will be closed for registration.

Search section (sectionSearch.php)



Note that you can search by section ID, course ID, or by semester and YEAR combine or simply VIEW ALL. And various combination. Get it to work for one or two first and then worry about the rest later.

The following should be displayed to allow for further actions.

Section Code	Course Code	Sem	Year	Active	Open	Actions
2001	MANA120	01	2007	YES	YES	Details Update
2341	MANA156	01	2007	YES	YES	Details Update

Sample

Year	Semester	Section ID	Course ID	Description	Faculty	Active	Open	Action
2013	Fall	25	CHEM8100	Atomic Theory	Burgundy	yes	no	Details Update
2014	Fall	19	ACCO1000	Financial Accounting	Burgundy	yes	yes	Details Update
2014	Fall	20	CHEM1001	Introduction to Chemistry	Burgundy	yes	yes	Details Update
2014	Summer	29	ENTP3001	Intro to ENTP	Burgundy	yes	no	Details Update
2013	Fall	30	ARCH1001	Introduction to Architecture	Burgundy	yes	no	Details Update
2013	Fall	31	FINA3000	International Finance	Burgundy	yes	no	Details Update

You are updating information for:

Course ID: ACCO1000
Section ID: 17
Course Name: Business Applications

Semester:
Year:
Time:
Limit:
Active:
Open:
Instructor Name:

Update section (sectionUpdate.php)

Others

You need provide links to the following tasks somewhere in the administrator's page.

Change Administrator Password
(adminChangePasswd.php)

Administrator Logout (adminLogout.php)

SECTIONS OPEN AND CLOSE

Open All Sections

Select the Semester and Year below to open all applicable sections.

Semester:

Year:

Close All Sections

Select the Semester and Year below to close all applicable sections.

Semester:

Year:

Open All Sections

If the administrator would like to open all the sections, at the beginning of the registration period for example, all they would need to do is click the "Open All Sections" button on the welcome

page. From there, they will be redirected to a page where the semester and year must be entered, followed by clicking the “Open Sections” button to complete the process

Close All Sections

If the administrator would like to close all the sections, at the end of the registration period or ADD COURSE deadline for example, all they would need to do is click the “Close All Sections” button on the welcome page. From there, they will be redirected to a page where the semester and year must be entered, followed by clicking the “Close Sections” button to complete the process.

STUDENT

For the student, you will be forwarded to a welcome page (studentFront.php) upon successful attempt of your username and password. From here, you have the several functions to select.

Enroll Class: enrollClass.php

During registration, you should be able to register/enroll in a section that you like. You should also be able to drop a section if you decide you do not want to take the class. The total number of credits for the enrollment should also be listed. You are prompt to enter the semester and year, followed by one of the following: course ID, department or ALL



Enroll Class

Please enter in the information designated below to help narrow your search.

Year: 2014 ▼

Semester: Fall ▼

Department: ▼

Course ID:

Instructor Last Name:

or

SEM: FALL YEAR: 2007
COURSE ID: XXXX [SEARCH]
DEPARTMENT: XXXX [SEARCH]
ALL [SEARCH]

You can include any other choice you think that will help in enrolling a course.

Based on your options above, you might get a section or a list of sections that satisfy your search choice. Before you display the course, you have to ensure that the course is ACTIVE and is OPEN. A section is OPEN during registration and not OPEN after registration/add course has passed.

Section ID	Course ID	description	Faculty	Limit	Left	Action
XXX	XXX	XXX	XXX	30	15	<u>Enroll</u>
YYY	YYY	YYY	YYY	25	5	None

Section ID	Course Code	Description	Faculty	Time	Day	Limit	Available	Enroll
1	INFOR4055	Web-Based Applications	Ow	02:00:00	TuesThur	40	38	Enroll
2	INFOR4055	Web-Based Applications	Ow	03:30:00	TuesThur	40	37	Enroll
3	ACCOU2028	Financial Accounting	Kren	08:00:00	TuesThur	80	77	Enroll
4	OSCHM3001	Intro to Supply Chain	Kren	10:00:00	MWF	35	34	Enroll
6	ECONO2004	MacroEconomics	Ow	02:00:00	MWF	5	0	Closed
8	MANAG2028	Business Statistics	Ow	12:30:00	MWF	70	69	Enroll
10	ACCOU2028	Financial Accounting	Kren	02:00:00	MWF	80	78	Enroll
105	MARKE4003	Marketing in Accounting	Kren	00:00:02	TuesThurs	35	35	Enroll

If you click the **view my schedule** button or link, it will list the student's schedule for that semester. But there should be an option in the schedule for [DROP]ping a class that you just sign up. (see below)

The action *enroll* registers you the section. If the class is full (i.e. limit = number of students), then NONE should be displayed in the Action column with no links to enroll.

Current Registration: studentRegister.php

Section ID	Course ID	description	Faculty Name	Action
XXX	XXX	XXX	XXX	Drop
YYY	YYY	YYY	YYY	Drop
ZZZ	ZZZ	ZZZ	ZZZ	Drop

If you select and click Drop, you will be dropped from the class.

Sample:

My Schedule for 2014 Fall

Section ID	Course ID	Description	Faculty	Time	Action
16	INTE2099	Database Management	Kren	12:00:00	Drop
19	ACCO1000	Financial Accounting	Burgundy	12:00:00	Drop
21	NURS1001	Introduction to Nursing	Gruber	09:00:00	Drop

View Schedule of Classes

View my Class Schedule

Please enter in the information designated below to help narrow your search.

Year:

Semester:

or

Schedule: studentSchedule.php

You should be able to list the student's schedule for a particular semester or for all semester.

You can do one of two:

Option A:

Semester: XXXX Year: NNNN or [VIEW ALL](#)

Option B: Nicier and Better

Instead of entering Semester and Year, you should be able to list all the semester and year that the student has registered. Use the appropriate **SELECT SQL DISTINCT** command to assist you in creating the semesters that you are signed up for classes, hence the ability to list those semesters and years in a list like below (similar to your checkMarq).

Fall | 2002 | [view](#)
 Spring | 2003 | [view](#)
 or [VIEW ALL](#)

When you click view, it will take you to this list

Section ID | Course ID | Course Description | Time | Credits | Instructor Last Name

2014 Fall

Section ID	Course ID	Course Description	Time	Credits	Instructor
19	ACCO1000	Financial Accounting	12:00:00	3	Burgundy
16	INTE2099	Database Management	12:00:00	4	Kren
21	NURS1001	Introduction to Nursing	09:00:00	3	Gruber

2014 Summer

Section ID	Course ID	Course Description	Time	Credits	Instructor
5	ANTH1001	Introduction to Anthropology	13:00:00	3	Kren
29	ENTP3001	Intro to ENTP	09:00:00	4	Burgundy

View Grades: [viewGrades.php](#) (Do this LAST!)

This option allows you to view the courses taken from one semester to the next and to also calculate the GPA for each semester and the cumulative GPA up to that semester.

Similarly to the schedule, you can do using one of the options. But you also have to include **ALL** as an option for displaying all semesters.

For each semester selected, you have to display the course that the students took in that semester:

SEM: FALL YEAR: 2002

Course ID	Description	Credits	Grade
MANA213	XXX	3	A
ECON114	YYY	4	AB

SEM GPA: X.XXX

SEM Credits: XXX

SEM: SPRING YEAR: 2003

Course ID	Description	Credits	Grade
MANA220	JJJ	3	B
FINA120	ZZZ	3	A

SEM GPA: X.XXX

SEM Credits: XXX

2013 Fall

Course ID	Course Description	Credits	Grade
ARCH1001	Introduction to Architecture	3	A
CHEM8100	Atomic Theory	5	AB
FINA3000	International Finance	3	C
INTE3000	Web Applications	5	A

Number of Credits: 16

Term GPA: 3.469

Total Credits: 16

Cumulative GPA: 3.469

2014 Spring

Course ID	Course Description	Credits	Grade
ENTP4020	New Venture Creation	4	B
SOCI1000	Introduction to Sociology	3	A

Number of Credits: 7

Term GPA: 3.429

Total Credits: 23

Cumulative GPA: 3.457

If you **VIEW ALL**

You have to include the cumulative information at the end of all the semester information.

Cumulative GPA: X.XXX

Cumulative Credits: XXX

Note that this has to be in chronological order. Hence you have to **ORDER BY** using substring.

2013 Fall

Course ID	Course Description	Credits	Grade
ARCH1001	Introduction to Architecture	3	A
CHEM8100	Atomic Theory	5	AB
FINA3000	International Finance	3	C
INTE3000	Web Applications	5	A

Number of Credits: 16
Term GPA: 3.469

If you are viewing grades just for the SEMESTER, you have to show the course description, credits, grade AND also the total credits for the semester and the SEMESTER or TERM GPA. There is no need for CUMULATIVE credits or GPA.

Update Data: `updateStudentInfo.php`

Update Personal Information

You are updating information for:

John Whipple

Street:

City:

State:

Zip:

Phone:

Home Phone:

Majors:

Mathematics
Entrepreneurship

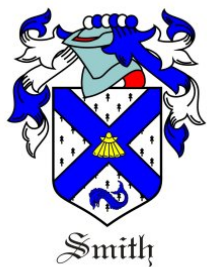
You should be able to see information about yourself and allow you to update your address and phone. The rest of the information is restricted and therefore cannot be updated.

Change Password: (`studentChangePasswd.php`)

A student is allowed to change password in this page.

Logout: (`studentLogout.php`)

A student is logged out of the session.



INSTRUCTOR

For the instructor, you will be forwarded to a welcome page (instructorFront.php) upon successful attempt of your username and password. From here, you have the several functions to select.

View my Schedule

Please enter in the information designated below to help narrow your search.

Semester:

Year:

or

My Schedule: (instructorSchedule.php)

You should be able to list the instructor's schedule for a particular semester or for all semester.

Resources:		Your Schedule					
Students:		Year	Semester	Section ID	Course Code	Description	Action
Back to View my Schedule		2007 Fall		1120	ENT151	New Venture Creation	Class List
Back to Faculty Home		2007 Fall		2555	MAR148	Sales Management	Class List
Log Out		2004 Spring		1001	ACC030	Prin Financial Acct	Class List

Note: The class schedule should be sorted by semesters in reverse order

Class List

Section ID: 29

Course ID: ENTP3001

Course Description: Intro to ENTP

Number of Students: 3

Student ID	Last Name	First Name	Grade
s3	Kaur	Jasleen	BC
s2	Wendelberger	Betsy	B
s1	Whipple	John	A

Class List: (viewClassList.php)

This will allow you to view the class roster and allow you to assign grades (see below).

Note: I like to see some section information here if possible before the students are listed.

For example:

Section ID:

Course ID:

Course Description:

Number of Students:

Assign Grade: (assignGrade.php)

Update Grades

Section ID: 29
Course ID: ENTP3001
Course Description: Intro to ENTP
Number of Students: 3

Student ID	Last Name	First Name	Grade	Action
s3	Kaur	Jasleen	BC ▾	Change Grade
s2	Wendelberger	Betsy	B ▾	Change Grade
s1	Whipple	John	A ▾	Change Grade

If the instructor want to assign/change grades, they can click on “**Update Students’ Grade**”. There will be a dropdown box allowing the instructor to select/deselect a grade for the student. Click **button** after selecting each student’s grade.

Change Password: (instructorChangePasswd.php)

This is to allow an instructor to change password.

Logout: (instructorLogout.php)

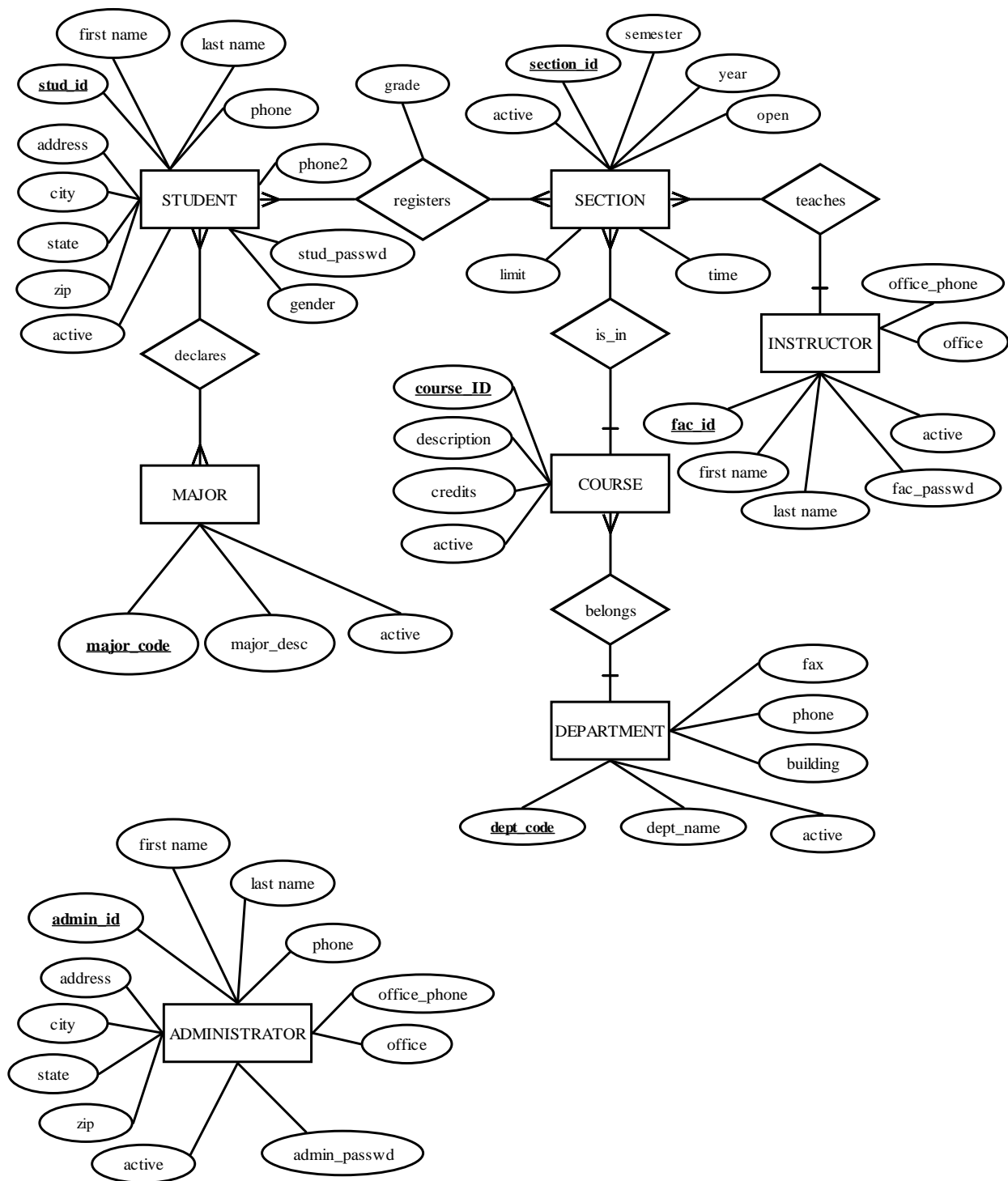
An instructor is logged out of the session.

WHAT TO TURN IN THE FINAL REPORT?

In your final report for this class, you are to turn in the following:

- A user manual that explains all the various roles and the different menu options available for each role. You are expected to utilize screen shots to help explain the various procedures in the user manual. Provide for each role, a user name and a password so that I can try it out.
- Structure of all the tables (use screen dump)
- An updated UML or IDEF1X model (similar to what you see on access) that describes how the tables are related. This will help developer understand your conceptual data model. You can use SMARTDRAW, VISIO or even VISIBLE ANALYST to draw this model.
- Your individual thoughts of the course - this is required.
- A burnt CD containing all your PHP codes, style sheets and any HTML code for the project. Also, you should be able to make PHP files that allow you to backup the database in mySQL. Explore this option in PHP-MyAdmin.

COURSE MANAGEMENT SYSTEM – ENTERPRISE MODEL



You first step is to convert the ER model to a relational model and then implement the database infrastructure into mySQL.

Highlight in yellow if you are completed

Final Project – Preliminary Tasks to start.

- ☐ Create the DATABASE in MySQL – this should be done ASAP
- ☐ Login first – You have to use SESSIONs to get into Administrator, Student or Instructor
- ☐ Logout

Administrator's Module – most of this we did this in our class exercise. You have to expand what we learned.

- ☐ Change Password
- ☐ adminFront.php
- ☐ search, display, update, add student – do one that works and divide & imitate
- ☐ search, display, update, add instructor
- ☐ search, display, update, add department
- ☐ search, display, update, add major
- ☐ search, display, update, add course
- ☐ search, display, update, add section
- ☐ Open all sections for a semester (beginning of registration)
- ☐ Close all sections for a semester (end of registration)

Student's Module

- ☐ Change Password
- ☐ studentFront.php
- ☐ Update Student Information
- ☐ Enroll Section
- ☐ Current registration
- ☐ Student schedule for all semester or individual semester – List only no GPA

Instructor's Module

- ☐ Change Password
- ☐ instructorFront.php
- ☐ Update Instructor Information
- ☐ Instructor Schedule
- ☐ View Class Roster
- ☐ Assign Grades to each student – you can do this the same way you did the faculty page for assignment 4 with a bunch of updates/assign grade buttons

Back to Student Module* (Difficult! Do this LAST!)

- ☐ View Semester with grades and GPA for that semester
- ☐ View All Semester with Grades and GPA for that semester
- ☐ And overall GPA – similar to transcript

Any other features you want to do.