

## 7.3 Using the GUI Client Application

This section describes all part of the IAGS GUI client application. This includes logging in/out, the database administrator & instructor user functions, help menu, and the end user license agreement (EULA).

### 7.3.1 Logging In/Out

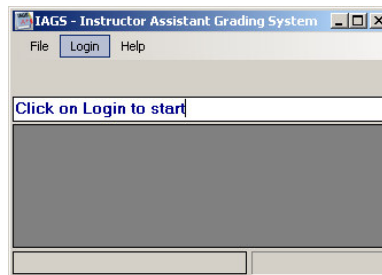
When you first run IAGS client application you are not logged in as a user, therefor you can only Login, Exit, Open the help document, and look at the about dialog.

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#### Logging In

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Simple click on the “Login” menu item, highlighted in the image below.

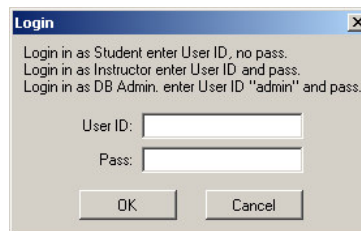


A dialog box will pop up asking for a “User ID” and “Pass”. Like the image below.

**Student:** The current version of application will not allow for a student to login. However in later version they will just enter there user/student ID number in the “User ID” text box.

**Instructor:** To login as an instructor simply enter your user/instructor ID number in the “User ID” text box and password in the “Pass” text box. The test data provided contains a sample instructor. To login as this user, enter “123” as the “User ID” and “test” for the “Pass”.

**DB Admin:** To login as the DB Administrator enter “admin” in the “User ID” text box and “test” in the “Pass” text box.



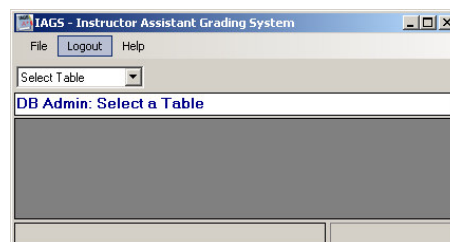
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#### Logging Out

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Once logged in the “Login” menu item will change to “Logout”.

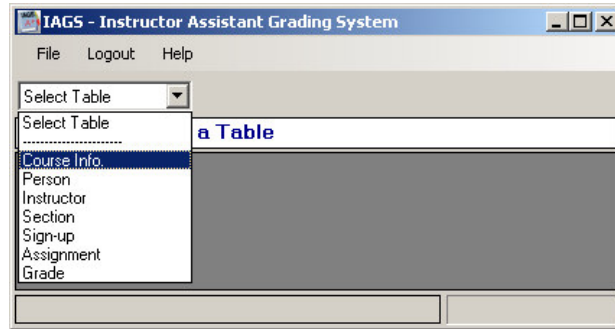
To Logout simple click on the “Logout” menu item, highlighted in the image below.



### 7.3.2 DB Administrator User

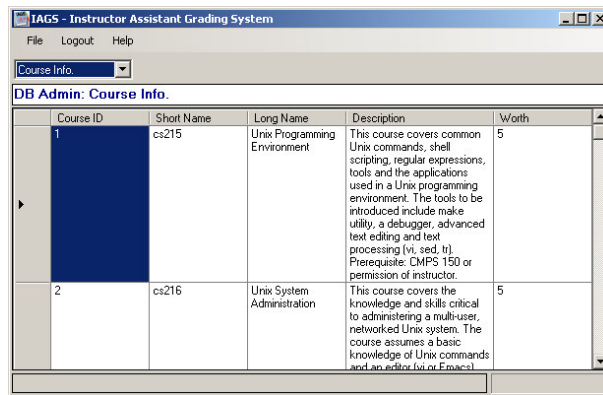
#### Selecting a Tables

Once logged in as the DB Administrator, a drop list of tables will now be visible. As shown in the image below. To manage a table simple click on the drop list then click on the table name.



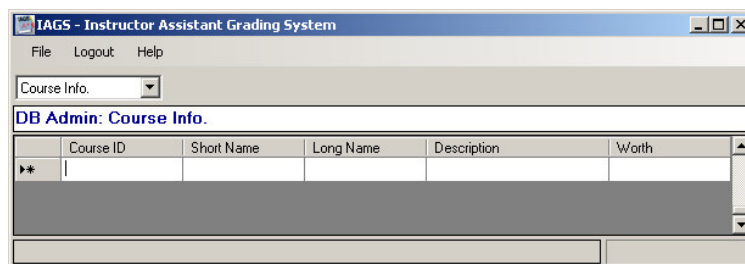
#### Managing the Data (Edit, Add, Delete)

The dark gray area in the middle will be filled with the table data. Looking something like the image below.



**Edit:** a value double click on the cell, and start typing. The row will now be marked as editing and once you click to another row, the change will be sent to the database.

**Add:** a new row, scroll to the bottom of the list you will see an empty row with a star in far left gray box. Click in the empty cell on that row and start editing, it will automatically create a new row. Once you click to another row the new row will be added to the database. The last row should look like the row in the image below.



**Cancel:** a change or new row, simple hit “ESC” on the keyboard.

**Delete:** a row, by selecting a whole row. To do this click on the far left light gray box. It should look something like the image below. Then hit “DEL” on the keyboard.

Course ID	Short Name	Long Name	Description	Worth
1	cs215	Unix Programming Environment	This course covers common Unix commands, shell scripting, regular expressions, tools and the applications used in a Unix programming environment. The tools to be introduced include make utility, a debugger, advanced text editing and text processing (vi, sed, n). Prerequisite: CMPS 150 or permission of instructor.	5
2	cs216	Unix System Administration	This course covers the knowledge and skills critical to administering a multi-user, networked Unix system. The course assumes a basic knowledge of Unix commands and an editor (vi or Emacs)	5

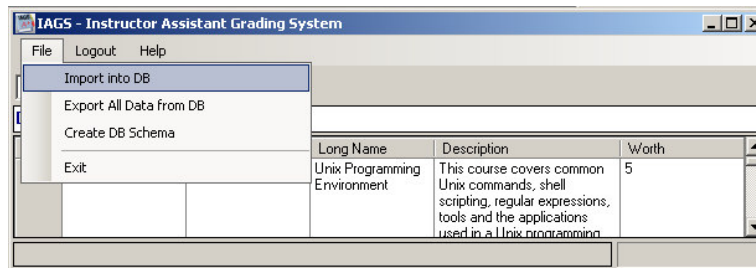
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### Additional Features (Import, Export, and Create DB Schema)

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To Import, export and/or create the DB schema, click on the “File” menu then the appropriate item. It should look something like the image below.

Note: All three features will disable all controls when executed, but the process will be display in the status bar at the bottom.



#### Import into DB:

This while first pop up a folder browser dialog box, asking you were to import from. The folder selected must contain a file for each table in the IAGS database. They are: “assign.csv” for the “js\_assign” table. “course\_info.csv” for the “js\_course\_info” table. “grade.csv” for the “js\_grade” table. “instructor.csv” for the “js\_instructor” table. “person.csv” for the “js\_person” table. “section.csv” for the “js\_section” table. “signup.csv” for the “js\_signup” table.

#### Export ALL Data from DB:

This while first pop up a folder browser dialog box, asking you were to export the data to. The application will create the same files for each table as in “Import into DB”, with the data from the database stored as comma separated values within.

#### Create DB Schema:

This will drop all tables, views and stored procedures if it can. Then create all tables views and stored procedures. **Warning: This function will destroy ALL data in the database.** So use with caution.

### 7.3.3 Instructor User

#### Viewing the Sections and Selecting a Section

Once logged in as an Instructor, a year, quarter, and section link controls will now be visible. As shown in the image below. Base on the year and quarter the main body table will automatically filter to the sections the instructor is teaching for that year and quarter. All the cells in the table are gray, meaning that you can not edit any of the rows. This view also gives the instructor information about how many students are signed up for this section, there min, max, and average final grade points. To view/manage a section's assignments and/or final grades, select a section from the list (the link control just to the left of the “>>>” button will change to that section name) then click on the “>>>” button. To get back to this view at any time simply click on the section link.

	Worth	CRN	Name	Current Enrolled	Max Students	Min. Grade Points	Max. Grade Points	Avg. Grade Points
▶	5	41512	cs342	3	22	0.00	71.00	44.80
	5	41506	cs215	0	22	0.00	0.00	0.00
	5	41505	cs216	0	22	0.00	0.00	0.00

#### Managing Final Grades, Assignments, and Select an Assignment

Once the instructor has selected a section to manage. The “>>>” will disappear and two more controls will be added. A drop list, allowing the instructor to switch the main table from “Final Grades” to “Assignments”, and a “Final Grade Report” button.

**Final Grade:** When selecting “Final Grade” from the drop list. It will display all the students, there final grade letter, grade point, calculated final points, and details. It would look something like the image below. The cells you can not edit are grayed out. For this view you can edit, the “Grade Letter”, “Grade Points” and “Details. The calculated points column is a percentage of points for each student's accumulated points for assignments over the maximum grade points for the assignments.

	ID	Name	Grade Letter	Grade Points	Calc. Points	Details
▶	150120557	Sam L. Johnson	D	63.40	48.64	
	459692930	Kris P. Warashky	C-	71.00	59.09	
	253221481	Lauren F. Rodregez		0.00	58.64	

**Assignments:** When selecting “Assignments” from the drop list. It will display all assignments for the selected section. Two more controls will now be visible, the assignment link and the “>>>” button. It should look something like the image below. The cells you can not edit are grayed out. They include min, max, and average grade points for each assignment. To edit/add and remove assignments simply follow the same procedure as in the “DB Administrator User, Managing the Data (Edit, Add, Delete)” section. To view/manage an assignment's grades, select an assignment from the list (the link control just to the left of the “>>>” button will change to that assignment name) then click on the “>>>” button. To get back to this view at any time click on the assignment link.

The screenshot shows the IAGS - Instructor Assistant Grading System window. The top menu bar includes File, Logout, and Help. Below the menu, there are controls for Year (2005), Quarter (Fall), and a section dropdown (cs342 (41512)). The Assignments dropdown is selected, and Quiz 1 is highlighted. A >>> button is visible next to Quiz 1. A Final Grade Report button is also present. The main table displays a list of assignments with columns: Name, Type No., Is Extra, Max Points, Student Min. Points, Student Max. Points, Student Avg. Points, and Details. The table contains rows for Quiz 1, Final, Quiz 1, Lab 1, and Lab 2.

Name	Type No.	Is Extra	Max Points	Student Min. Points	Student Max. Points	Student Avg. Points	Details
Quiz 1	Quiz	<input checked="" type="checkbox"/>	30	5	20	12.50	
Final	Final	<input type="checkbox"/>	10	0	0	0.00	question 20 thrc
Quiz 1	Quiz	<input type="checkbox"/>	130	15	125	71.50	
Lab 1	Lab	<input type="checkbox"/>	10	4	4	4.00	
Lab 2	Lab	<input type="checkbox"/>	70	0	0	0.00	

**Final Grade Report:** When you click on the “Final Grade Report” it will pop up a dialog box containing a “Print Ready” version of the final grade list for this section. See “Final Grade Report” section below for details.

## Managing Grades

Once the instructor has selected an assignment to manage. The “>>>” will disappear. The main table in the middle will list all students signed up for the section selected and the grade they have for the assignment selected. All cells that can't not be edited will be grayed out. To edit points, and/or details, double click on the cell then, to apply the change click on another row.

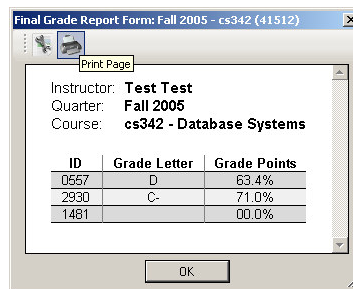
The screenshot shows the IAGS - Instructor Assistant Grading System window. The top menu bar includes File, Logout, and Help. Below the menu, there are controls for Year (2005), Quarter (Fall), and a section dropdown (cs342 (41512)). The Assignments dropdown is selected, and Quiz 1 is highlighted. A >>> button is visible next to Quiz 1. A Final Grade Report button is also present. The main table displays a list of students with columns: Student ID, Student Name, Points, Max Points, Is Extra, and Details. The table contains rows for Sam L. Johnson, Lauren F. Rodrez, and Kris P. Warashky.

Student ID	Student Name	Points	Max Points	Is Extra	Details
150120557	Sam L. Johnson	20	30	<input checked="" type="checkbox"/>	
253221481	Lauren F. Rodrez	0	30	<input checked="" type="checkbox"/>	
459692930	Kris P. Warashky	5	30	<input checked="" type="checkbox"/>	

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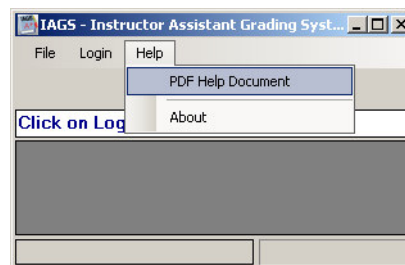
## Final Grade Report

The final grade report dialog box allows you to print the final grade report for a section. It should look something like the image below. At the top there is a tool bar containing two icon buttons, the first one opens a “Page Setup” dialog, and the second one opens the “Print” dialog. The middle is an web browser displaying an HTML generated report, ready for print. To print this page, click on the printer icon in the tool bar and then click “Print” in the print dialog box.



### 7.3.4 Help & About

The PDF help document and About dialog box can be found under the “Help” menu. Similar to the image below.



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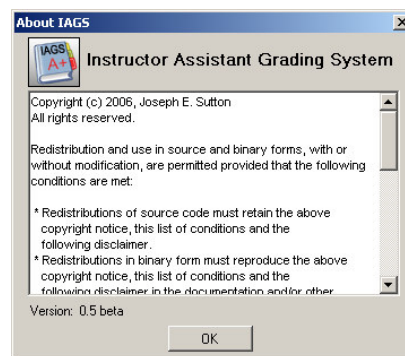
## Help (PDF Document)

If you have a PDF viewer installed, when you click on this menu item it will open the PDF help document using the default viewer.

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## About Box

Contains a copy of the EULA and the current version number.



### 7.3.5 EULA

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