

# ***Project Rubrics for CSG 130***

## **Project 1:**

### **Your tasks:**

1. Write a user's manual explaining how to run your code
2. Implement the web-database application that can perform search, update and bulk load.
3. Present your application

### **Checklist for submission**

1. User's manual
2. Your code
3. Prepare for your presentation(not submission!)

### **Environment and tools:**

You can choose your favorite DBMS and programming languages. Please acknowledge them in the user's manual whatever tools you have used in your project. If you have doubts about the environment and programming languages please contact TA in advance.

### **Grading:**

TA 's grade will weigh 60% in project1:

Feature of update	3
Feature of search	3
Feature of bulk load	3
User's interface	2
User's manual	1

And in the demo, each student is required to give feedback to each group. the feedback will weigh 40%, that is, 8 points in project1.

Creative works will be favored in grading.

### **Deadline for submission:**

Nov 15 before midnight

IF you submit after deadline, we will take off 10%-40% from your points.

## **Project 2:**

### **Your tasks:**

1. Develop a simple database system, with following components:
  - Disk storage
  - Buffer manager
  - Index manager
  - Execution engine

Meta-data manager

Multithreaded connection manager

For more detail check website for course CSG130 under **Project**.

2. Write a manual on additional information about your project, including how to run your programs and meaningful results of your runs(at your discretion), in the javadoc format.

### Checklist for submission

1. Manual
2. Your code

### Grading:

Server		
Meta-data manager	1	
Index manager	1	
Execution engine		
Insert	1	
Select	1	
Shutdown	1	
Operations on tables		
create table	0.5	
show and describe table	0.5	
drop table	0.5	
Client		
GUI	1	
Connect and disconnect	0.5	
User's manual		2
Extra credits		1

### Deadline for submission:

Nov 29 before midnight

IF you submit after deadline, we will take off 10%-40% from your points.

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### For your submission:

- Please use one compressed file named *src.\** for all your source code of you projects, and your document with name *doc.\** in another compressed file separately. Use zip or gzip to compress your files.
- Send your submission with the mail title in the following format:  
[CSG130]project[1|2]\_YourNuID  
And list your team members in your submission mail please.
- Please submit Project1 to Jian Wen and Project 2 to Tianhua Zheng.