CS562 – The Project Demo

Date: 5/10/2014 (Sat) and 5/11/2014 (Sun)

This project is worth 50% of your final grade, and it is a significant portion of your semester's work. So, please make sure you and your team members are well prepared for the demo. Quality of your project (and your demo) will be measured based on two main dimensions – *accuracy* and *completeness*.

The sessions will start promptly at the scheduled times. Please be sure to show up on time – see the schedule listed below for your presentation.

What to submit:

Please prepare a USB flash drive and submit all of your work on the device, including:

- PowerPoint presentation slides
- Source code files – include ALL of the source code files, including any third party libraries you might be using; if they're standard libraries, you can just indicate in your program how/where to access them (Bottom line: I should be able to compile and run your program on my own using the files/instructions you submit.)
- Sample queries
- Generated output files for the sample queries (e.g., Java/C/C++/C# files) you have prepared for the demo

Please Do NOT email any of the files.

Presentation:

As with any presentation, I expect you to follow the simple rules outlined below:
(It will probably be best accomplished with a short PowerPoint presentation.)

Remember my statement about this being a "sales" presentation, although the presentation should be highly technical because the target audience (i.e., me) is quite familiar with the topic. Make your presentation is succinct (brief and to the point) – your goal is that at the end of your presentation, you want your target audience to want to have his/her hands on the product and ultimately buy it.

The following content of your presentation should not be for more than 10-12 min – all together no more than 10 slides.

NOTE: Please make sure to bring your application development environment, including the compiler(s), etc. in case you need to modify/fix your program.

1. Start off by stating "what you're about to present" (2-3 min)

   a. Include a line/sentence to summarize your project – clearly state *what the problem is* and *how your project is addressing the problem* and the *technical significance of your project*.

   b. List the items you'll cover during the demo.

2. Present your demo (7-8 min)

   a. Include a high level architecture of your project, including a diagram showing how the queries are processed by your program (e.g., show how your program is processing the query and dynamically generating code to process the query).

      IMPORTANT: Clearly indicate who worked on which part of the project architecture.

   b. Include a description of your query structure – i.e., how the queries are presented to your program (e.g., are you using a SQL like language? Or is it a list of parameters to the Phi operator? If so, what the query looks like).

    c. Provide a <u>description of the technology</u> you're using – e.g., languages, DBMS, any (class) libraries, any other tools, etc.

    d. List the <u>technical limitations</u> of your program, if any – e.g., no support for minimal scanning, no error checking for presence of tables, columns, etc.

    e. <u>Run your program</u>!

3. <u>Recap your project and your demo</u> (1 min)

    a. Quickly <u>reiterate the problem and the significance of your project</u>.

    b. Provide <u>forward looking statements</u>, if any (e.g., potential enhancements to your projects).

Following your presentation, I'll run some of my own queries, modify and run your queries, ask questions about your program and the tools you're using.

<u>Project Schedule</u>:

Below is the schedule for the project demo:

Both <u>Saturday's sessions (for Section A)</u> and <u>Sunday's sessions (for Section B)</u> will be held in the **CS Conference Room** on the 3rd floor of Lieb Bldg. (next to the CS lounge).

Date/Time		Team
Sat (5/10/14)	11:00-11:20	Imagine Dragons
Sat (5/10/14)	11:30-11:50	PonyData
Sat (5/10/14)	12:00-12:20	Firefox
Sat (5/10/14)	12:30-12:50	SPEED
Sat (5/10/14)	1:00-1:20	Invictus
Sat (5/10/14)	1:30-1:50	Binary Success
Sat (5/10/14)	2:00-2:20	Best Korea
Sat (5/10/14)	2:30-2:50	DB Nexus
Sat (5/10/14)	3:00-3:20	Dynamicer
Sat (5/10/14)	3:30-3:50	FOUR
Sat (5/10/14)	4:00-4:20	Triforce
Sat (5/10/14)	4:30-4:50	ExpEva
Sat (5/10/14)	5:00-5:20	C&Z
Sat (5/10/14)	5:30-6:00	anonymity
Sun (5/11/14)	11:00-11:20	BeyonData
Sun (5/11/14)	11:30-11:50	JKWSQL
Sun (5/11/14)	12:00-12:20	Z2PC
Sun (5/11/14)	12:30-12:50	Musteteers
Sun (5/11/14)	1:00-1:20	SWiZZle
Sun (5/11/14)	1:30-1:50	EXCEL
Sun (5/11/14)	2:00-2:20	Vladimir!