

## **Assignment #1**

Instructor: Ross Maciejewski

### **1 Assignment 1 Guidelines**

You need to read and summarize the following two papers:

B. Shneiderman, "The Eyes Have It: A Task by Data Type Taxonomy for Information Visualizations." Proc. 1996 IEEE Visual Languages, Sept. 1996, pp. 336-343.

S. K. Card and J. Mackinlay, "The structure of the information visualization design space." In *Proceedings of the 1997 IEEE Symposium on Information Visualization*, 1997.

Both papers are available in digital form and it is the responsibility of the student to find copies of these. Graduate students are expected to search out research papers in their studies and this provides you with an opportunity to practice.

For each paper, you will write a 1 pg summary using 12pt font, single spacing and 1 inch margins. In writing the summary, consider the points proposed by Robert Laramée: **How to Read a Visualization**

**Research Paper: Extracting the Essentials** by Robert S. Laramée, *IEEE Computer Graphics & Applications (CG&A)*, Vol. 31, No. 3, May/June 2011, pages 78-82

Your final deliverable will be a word or pdf document that is two pages in length, with one page being a summary of the Shneiderman paper and the other page being a summary of the Card and Mackinlay paper.

### **2 Deadline**

**January 16th (3PM)**

### **3 Grading**

Grading will look at spelling, grammar and overall content of the summaries.

No late homework will be accepted !