

Department of Computer Science & Engineering  
College of Engineering  
University of Nevada, Reno

## CS 691z / CS 791z Topics on Software Engineering

### Assignment #1: Tool Evaluation

January 30, 2007

**Due:** Friday, February 9, 2007, at 9:00 pm (email submission)

**Points:** 40

**Weight in course grade:** 4% in CS 691z and 5% in CS 791z

For this assignment you have to select and exercise an existing CASE (Computer Aided Software Engineering) tool. Work with the tool on several simple applications and write a summary of between 700 and 1000 words regarding the tool's characteristics, capabilities, and intended applicability.

Indicate first the selected tool's name, the organization that produces it, the current status of the tool (e.g., version number), and its availability. Describe then its functions, structure, capabilities, and intended uses and/or areas of applications. Indicate also several evaluation criteria (at least five) used in your assessment of the tool. Finally, state your personal opinions on the tool and provide recommendations for its potential users.

To give an idea of the "look and feel" of the tool include between three and five snapshots of the tool's main user interface (for internal purposes only but, as always, provide references anyway).

Possible tool areas: specification, design, implementation, testing, maintenance, documentation, project management, quality assurance, software metrics.