

Department of Computer Science and Engineering

College of Engineering, University of Nevada, Reno

CS 709
Advanced Topics in Computer Science
[Software Engineering]

Assignment #2

CASE tool and SE video clip

September 14, 2017

Due:	Wednesday, September 27, 11:59 pm (by email) Single PDF file, named A2_YourLastName.pdf
Points:	70
Weight in course grade:	5%

1. CASE Tool [50 points]

Search, select and exercise an existing CASE (Computer Aided Software Engineering) tool used in support of software requirements specification, design, coding, or testing. Work with the tool on several small examples and write a summary of between 600 and 1000 words regarding the tool's characteristics, capabilities, and intended applicability.

Indicate the selected tool's name, the organization that produces it, the current status of the tool (e.g., version number), and its availability. Describe its functions, structure, capabilities, and intended uses and/or areas of applications.

Indicate also several evaluation criteria (at least five) that you chose for 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 at least 5 snapshots of the tool's user interface (for internal purposes only but, as always, provide references).

2. Software Engineering Video Clip [20 points]

Find online a video clip (3:00 to 10:00 minute long) on a software engineering topic and write a short description for it (200 to 400 words). Provide reference, include a clickable link to the video, explain what the video presents, summarize its significance, and explain why you find it interesting and worthwhile watching. Also, briefly explain your views on the topic(s) presented in the video clip. When choosing the video remember that you might have to present it in the class and briefly describe it to your colleagues and the instructor.