

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

**CS 709B Advanced Software
Project Management and Development**

Course paper

April 21, 2009

Due:	Tuesday, May 12, 2009, 10:00 pm (hard deadline)
Points:	100
Weight in course grade:	13%

A Introduction

The course paper, based on the project and the assignments completed in this course, should follow the IEEE style format provided by the instructor and should have at least 3.5 pages (for individual projects) or 6 pages (for 2-student projects) in 2-column format. Guidelines for writing the paper are given below.

B Guidelines

Note that in the following sections with titles in *italics* need to be adapted on a case-by-case basis while sections with titles Abstract, Keywords, Introduction, Conclusions, and References are standard. Note also that even though by each section title I provide guidelines for contents, I encourage you to adapt these guidelines to best suit your paper's topic. In case of conflict between my recommendations and IEEE requirements (e.g., length of abstract), the latter take precedence.

- Title: maximum 10 words (recommended).
- Author(s).
- Abstract: between 100 and 200 words explaining what is the paper about, its structure and its main contributions.
- Keywords: Between 4 and 7 terms that best characterize the contents of the paper.
- Introduction
 - General background of the problem, with references to previous work and to similar work (at least <6/10> references should be used here – and more is better);
 - The motivation of the work described in the paper (how it started, what prompted it);
 - Brief indications on contributions/novelty/suggested improvements (these will be expanded later but here you should provide an idea on what the paper brings new);
 - The structure of the remainder of the paper very briefly indicated.
- *The Problem*
 - Provide details about your problem's background. Put the project in context. Expand on the brief "general background description" given in the introduction. Provide, as much as possible, pictures/photos/diagrams.
- *The Solution*
 - Based on work already done, you may include here excerpts from requirements specification, use case diagram, design diagrams, and snapshots of the user interface (for the latter, see note below, though). This section is the core of the paper and typically needs to be divided in subsections. Note that due to space limitations only excerpts of the software's specification and design can be provided here, so you need to select them carefully.
- *Results and/or Comparison with Similar Products*

- Ideally, a comparison with similar projects should be included here. However, due to time and resource limitations, you should provide here at least some initial results, including in terms of snapshots of the prototype, which can be transferred from the previous section, and some general observations on differences from and similarities with at least two similar projects.
- *Further Work:*
 - Indicate at least three directions of future developments, each described in a paragraph.
- *Conclusions:*
 - Summarize project, contributions, advantages, limitations, applications, and main directions of future development.
- *References*
 - At least <9/18> references, written using a precise and consistent style. Note that references are used not only in the Introduction (where I recommended at least <6/10>) but also throughout the remainder of the paper.

C Grading

The course paper will be grade based on the quality of the following: technical contents, writing, and paper formatting.