

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

**CS 791 Graduate Topics in Computer Science [Software Engineering]**

**Course Paper**

**Due:** Wednesday, December 18, 2019, 11:59 pm (hard deadline, single PDF file named Paper\_YourProjectNumber.pdf, sent to the instructor by email).  
**Points:** 100 **Weight:** 14% of course grade  
**Note:** The notation **<X/Y>below** means that X applies to a project by a single student, while Y to a project by two students

**A Introduction**

The paper, based on the project completed in this course, should follow the **IEEE conference format** from <https://www.ieee.org/conferences/publishing/templates.html> and should have at least **<4/6>** pages in 2-column format (and at most 8 pages).

**B Guidelines**

Note that the headers in bold and italics below can have different titles (than those indicated here), but all other in bold only should be included verbatim (for example, the paper must have an Abstract and an Introduction section).

<b>Title</b>	Maximum 12 words (recommended).
<b>Authors</b>	See formatting instructions.
<b>Abstract</b>	Between 100 and 170 words explaining what the paper is about and succinctly describing its main contributions.
<b>Keywords</b>	Include 3 to 6 terms that best characterize the contents of the paper.
<b>Introduction</b>	Include the following: <ul style="list-style-type: none"><li>• The general background of the problem, with brief references to previous work and to similar work (at least <b>&lt;4/6&gt;</b> references should be used here—and more is better);</li><li>• The motivation of the work (how it started, what prompted it);</li><li>• Brief indications of contributions/novelty/suggested improvements (these will be expanded later but here you should provide an idea on what the paper brings new);</li><li>• The structure of the remainder of the paper briefly indicated.</li></ul>
<b><i>The Problem</i></b>	Provide details about your problem's background. Place your project in context. Expand on the "general background description" given in the introduction.
<b><i>The Solution</i></b>	Based on project work done, you can include here excerpts from your project concept, specification, design, and snapshots of the user interface. This section is the core of the paper and most likely needs to be divided in subsections. Note that due to space limitations only few excerpts of the software's specification and design can be provided here, so select them carefully.
<b><i>Related Work</i></b>	Provide here some comparison with related work (include at least <b>&lt;4/6&gt;</b> references).
<b><i>Results and Evaluation</i></b>	Ideally, an analysis of results or a validation of your proposed solution should be included here. However, due to time limitations, you should provide here some initial results, including in terms of additional snapshots of the prototype. You may include also a discussion on how your prototype is performing or is expected to perform, and on what are its advantages and limitations.
<b><i>Future Work and Conclusions</i></b>	Indicate at least three directions of future developments. Summarize the project and the paper's contributions.
<b>References</b>	Include at least <b>&lt;12/18&gt;</b> references.