



Department \_\_\_\_\_ of \_\_\_\_\_ Computer \_\_\_\_\_ Science \_\_\_\_\_

**CS525 - Requirements Engineering**  
**January 27<sup>th</sup> 2020**  
**Assignment 1 - Weight 6 %**  
**Individual assignment**

**Task 1.** Select any topic from the domain of RE. Get it confirmed with me.

**Task 2.** Find at least 5 high quality recent research papers from IEEE, ACM, Springer and ScienceDirect only. DO NOT GO ON GOOGLE or any other website. These papers should be on the same topic. For example  
Requirements engineering frameworks for agile development  
Requirements engineering techniques for security/reliability  
Requirements engineering issues in the cloud/fog/edge  
Requirements specification languages for (reliability/security/....)  
...

**Task 3.** Identify a problem that is being addressed in these papers. Do you think they have adequately solved that problem (when their research works are put together)? Or are there any questions that still need answers?

**Task 4.** Write a two page paper in IEEE conference proceedings format (<https://www.ieee.org/conferences/publishing/templates.html>) identifying

The wider area,  
Problem that is being targeted,  
The viability of the proposed solutions,  
Any loop holes/limitations in their solutions, and  
Any future directions that the authors have themselves pointed out.

Remember, 5 papers is the lower limit, there is no upper limit. Future assignments will be based on Assignment 1 therefore hard work in this assignment will also continue to pay off in later assignments.

**Grading rubric**

Strict adherence to the IEEE template – 2 points  
5 High Quality research papers – 1 points  
Problem that is being targeted – 0.5  
The viability of the proposed solutions – 0.5  
Any loop holes/limitations in their solutions – 0.5  
Any future directions that the authors have themselves pointed out – 0.5  
Presentation errors – 1.0

Any kind of plagiarism will lead to an F in this assignment (as a minimum penalty)

**Deadline to submit: Friday, Feb 14<sup>th</sup>, before 12 Noon via email (the assignment and all referred papers) AND the hard copy of the paper in my office.**