This assignment focuses on software challenges of today and the future.

Read the article by Fred Brooks (“No Silver Bullet”) and read Chapters 1-3 of the Ultra-Large Scale report to address the following points in a 1-page essay.

Summary of Brooks article:

- Describe 3 examples of currently-used technology that are considered “silver bullets,” using the definition by Brooks. What problems are they respectively attempting to address?
- Summarize and contrast his meanings for the essence and the accidental difficulties of (software) technology using examples from above.

Describe challenges posed by future ultra-large scale (ULS) systems

- Describe essential difficulties posed by (ULS) systems; explain and include concrete examples from the transportation and/or the medical sectors.
- What are the potential accidental difficulties posed by ULS systems; explain.
- How can these accidental difficulties be mitigated?