**Fan Zhang**

**Zhiqi Chen**

**Team 9 Reviews Chapter 7 Architectures**

**Relevance to Course Material: Which chapter, section or topics in the course does the presented material refer to (50 word limit)?**

The presented material refers to chapter seven. The presented material refer to 7.2 syntactic and Semantic Heterogeneity, 7.3Distributed Systems, 7.4Distributed Database, and 7.5 Location-aware Computing and Application.

**Novelty: What is the new information in the Encyclopedia articles with respect to the textbook material (50 word limit)?**

There are lots of new concepts, such as ArcGIS, Intergraph, UMN Map Server, and national strategies. These articles explain how to provide structure for application development Remote Sensing standards and how to distributed data, communicate and queries to neighbors directly, and propagate.  
  
**Societal Motivation: What is the motivation behind the new information in the Encyclopedia articles? For example, list societal applications that may use these new concepts, use cases for these new ideas, etc. (50 word limit)**

These new concepts may be used in accuracy the geospatial data, person data security, duplication avoiding, geographic data retrieving, and increasing interoperability of geographic information. These ideas also may use in reducing the efforts of syntactic heterogeneity and improving disaster management, global warming, and traffic management.

**Computer Science Motivation: If applicable, what is the Computer Science (CS) benefit of the proposed approaches (e.g. new algorithms, data structures or other CS concepts, scalability, increase in productivity for software engineers, etc) (50 word limit)**

The list is the computer science motivation:

* Geo-spatial information database design
* Geo-spatial information data modeling
* The distributed architecture has a better services integration
* The hybrid approach functionalities shared between client & server, improve performance.
* Mobile P2P: transitive multi-hop propagation. Matchmaking, resource discovery services in many application domains,

**Overall Presentation: Provide feedback on the overall presentation. How well were the ideas conveyed? Did you understand most of the talk (or 75%, 50%, 25%, 5%, 0%)? Were the ideas illustrated well (including the usage of both positive and negative examples)? Also comment on audience engagement. Did the speaker ask the audience questions, etc. (100 word limit)**

The ideas conveyed very well. They explained the concept clearly and the examples were easy to understand. The speaker did not ask the audience questions.   
  
**Presentation Critique: Did the speaker inspire you to want to learn more about the material covered? If you had to rate the presentation with either a check, check- or check+, how would you rate it? Explain.(50 word limit)**

After the presentation, we want to check the book and have a deeper understanding. . It is a good presentation, and we would give it check+.