WEEK 11 SUMMARY OF READING:

"The Schematic Structure of Computer Science Research Articles" is a research study by S. Posteguillo that explores the structure of computer science research papers. The purpose of this work is to identify the usual structure and rhetorical strategies used in computer science research papers to assist novice researchers in producing good research articles and to contribute to the development of writing pedagogy for computer science students.

The author gathered a corpus of eighty research papers from four prestigious computer science publications and evaluated them using the move analysis approach. This framework entails recognizing and analyzing the text's various phases or motions, as well as their order and purpose. The study uncovered a total of eight structural components inside computer science research articles: Introduction, Literature Review, Methodology, Results, Discussion, Conclusion, Acknowledgments, and References.

The Introductory section summarizes the study issue, its relevance, and the research questions or aims. The Literature Review step offers a critical overview of the existing literature on the research subject and identifies any gaps or shortcomings that the present study seeks to solve. The Methodology section details the study's research methodology, including the research design, data gathering strategies, and data analysis procedures. The Findings section provides the study's results clearly and succinctly, utilizing tables, graphs, and other visual aids as needed. The Discussion section evaluates the findings, examines their relevance, and explains their consequences for theory and practice. The Conclusion video summarizes the study's important results, restates the research questions or aims, and emphasizes the study's contributions. The Acknowledgments section recognizes the help provided by people or organizations, such as funding agencies or research assistants. The References section provides a list of the sources referenced in the article using a standard format.

The author also discovered that the Introduction and Literature Review sections are often combined in computer science research publications since they both help to define the study environment and justify the research challenge.

The author's results give a framework for beginner computer science researchers and writing teachers to properly arrange their research publications. Future computer scientists will be better prepared to produce high-quality research papers as a result of this paper's contribution to the development of writing pedagogy in this subject. In addition, the methodology presented in the study may assist journal editors and reviewers in evaluating the quality of computer science research papers submitted for publication.