

Assignment: Writing Critiques on Recent SDN Research

Overview

This assignment focuses on developing the ability to critically analyze research in Software-Defined Networking (SDN). You are required to select one of the given journal articles and write a detailed critique, focusing on summarizing the main contribution, discussing the strengths and weaknesses, and suggesting future research directions.

Journal Articles for Critique

- "Toward Adaptive and Scalable OpenFlow-SDN Flow Control A Survey"
- "SSDWSN: A Scalable Software-Defined Wireless Sensor Networks"

Assignment Instructions

- 1. Article Selection: Choose one of the above journal articles to critique.
- 2. Critique Components:
 - **Summary of Main Contribution**: Clearly explain the main ideas and contributions of the paper. Identify why the research is significant and how it advances the field of SDN.

- Strengths and Weaknesses: Discuss the strengths of the research, including its methodology, clarity, and contribution to the field. Also, identify any weaknesses or limitations in the research, such as assumptions, methodology issues, or unexplored areas.
- Future Directions: Provide thoughtful suggestions for potential future research inspired by the paper. Highlight areas where further work could address limitations or explore new avenues.
- 3. **Similarity Check**: Before submitting your critique, ensure that you perform a **similarity check** using Turnitin. The similarity report must accompany your submission to ensure academic integrity.
- 4. Formatting and Submission:
 - Use Times New Roman font, size 12, with 1.5 line spacing.
 - The critique should be between 1000-1500 words.
 - Submit both the critique and the Turnitin similarity report by the deadline.

Guidelines for Writing

- Be **objective** and **constructive** in your critique.
- Ensure proper use of academic language and citation where necessary.
- Use **headings** and **subheadings** to organize your critique effectively.

Rubric for Scoring

Criterion	0-19% (Weakest)	20-39% (Weak)	40-59% (Average)	60-79% (Good)
Summary of Main Contribution	Summary is inaccurate or missing.	Summary is vague and lacks details.	Provides a basic summary with some key points.	Good summary covering most significant contributions.
Strengths and Weaknesses	No discussion of strengths or	Limited or biased discussion, lacking	Mentions some strengths and weaknesses	Good discussion, identifies key points with

	weaknesses.	depth.	without detail.	minor omissions.
Future Directions	No suggestions for future research.	Provides trivial or unrelated suggestions.	Some suggestions, but lacking depth or relevance.	Good suggestions with clear links to research gaps.
Clarity and Structure	Poorly structured, difficult to understand.	Lacks logical flow, contains many errors.	Structure is basic, some parts are unclear.	Generally well- structured, minor issues in clarity.
Critical Analysis	No critical analysis, only descriptive.	Limited critical analysis, mostly descriptive.	Provides some critical points but lacks depth.	Good critical analysis with thoughtful points.

Submission Deadline

- Due Date: [17 November 2024]
- **Submission Method**: Submit your assignment via [odlsystem]. Ensure the Turnitin similarity report is attached.

Plagiarism Policy

Plagiarism is a serious offense. Ensure that all content is written in your own words and properly cited where appropriate. The Turnitin similarity check will help in avoiding unintended plagiarism.

Next Steps: Begin by reviewing both journal articles and choose the one that interests you the most. Start drafting your critique by summarizing the main ideas and then evaluating the strengths, weaknesses, and possible future research directions. Ensure you use the rubric as a guide for achieving a high score.