

Rewrite the problem statement to clearly emphasize the limitations of existing solutions proposed to address the research problem. Ensure that the discussion is concise, supported by appropriate in-text citations, and clearly articulates the research gap. The current problem statement is shallow and does not sufficiently justify the need for the proposed study.

Ensure that the research objectives are aligned with the revised research challenges and problem statement. Reduce the number of research objectives to a maximum of four, and ensure that each research objective begins with "To", followed by an appropriate action verb.

Research Methodology in Computer Science (AI800)

Assignment 2 Rubric

Weighting: 30%

17/30

| Criteria                       | Marks | Description                                                                                                                                                                                                        |
|--------------------------------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Problem Statement (14 marks):  |       |                                                                                                                                                                                                                    |
| Clarity                        | 4     | The problem statement is clear and concise, and the reader can easily understand the research problem. It should be free from ambiguity. <sup>1</sup>                                                              |
| Relevance                      | 5     | The problem statement addresses a significant research issue or gap in the field, and its relevance to the broader context is evident. <sup>3</sup>                                                                |
| Specificity                    | 5     | The problem statement is specific and well-defined, focusing on a single, clear research question or issue. <sup>1</sup>                                                                                           |
| Research Objectives (13 marks) |       |                                                                                                                                                                                                                    |
| Alignment                      | 4     | The research objectives are directly related to the problem statement and are designed to address the identified research problem. <sup>3</sup>                                                                    |
| Clarity                        | 4     | Each research objective is clearly stated and is easily understood. The objectives should be free from ambiguity. <sup>3</sup>                                                                                     |
| Measurability                  | 5     | The research objectives are framed in a way that allows for measurement and evaluation, and it is evident how they will contribute to achieving the research goal. <sup>3</sup>                                    |
| Other criteria (3%)            |       |                                                                                                                                                                                                                    |
| Language, Grammar, and typo    | 3     | The text follows proper grammatical rules, including subject-verb agreement, tenses, and sentence structure. Furthermore, text is free from spelling errors, typos, and other typographical mistakes. <sup>3</sup> |