Summary

Focus:
The authors’ paper is a survey of the various techniques and research approaches to finding a solution that resolves the semantic gap that exists between Database Management Systems ad Storage Subsystems. The reasons for the survey and the central theme of the survey are not made entirely clear by the authors in their introduction. However, judging from the paper’s current state it is assumed by this reviewer that the authors intend to describe the most prominent approaches and techniques and then compare and contrast them. In the paper’s incomplete state, it does not provide enough evidence to support this contribution.

Technical Evaluation:
Currently the paper does not reflect that the authors are experts in the field the paper addresses. Many of the topics are not completed or even summarized or are approached at an extremely high level. Compounding this problem is the lack of references in the References Section. I saw many citations of references, but none were listed in order for me to find them. The lack of references also makes it difficult to evaluate the authors’ grasp of knowledge in this field. In the paper’s current state I can neither agree with nor deny the authors claims or views.

Readability and Organization:
The paper’s incomplete state makes it difficult for me to truly evaluate the readability and organization of the authors’ paper. However, for the sections that were completed I struggled to find a cohesive focus or roadmap.

In the Introduction, the first paragraph seems to lay out a theme for the rest of the paper and would transition nicely into the paper with a paragraph about the reasons for the survey and how the authors would proceed. However, the subsequent paragraphs of the Introduction do not provide this transition. They instead move directly into information that would probably be more appropriate in the Classification section. I see this as a fundamental weakness of the Introduction that destroys the flow that the authors have set up in the first paragraph.
The authors’ use of figures is another issue in the presentation of their survey. There are many good figures in their paper, however they provide little discussion of them and therefore never direct the reader to consider them. This detracts from the usefulness of the figure, and leads the reader to question why they are there in the first place. Careful discussion on the concepts and ideas that the figures are included to address would improve the figures’ contributions to the paper immensely.

**Strengths**

- Liberal use of figures to describe concepts.
- Area of focus for the paper is not overly broad.

**Areas for Improvement**

- Fill out the References section and all citation place holders
- Re-read your Introduction section and consider the critiques mentioned in the previous section. One good resource to assist you with this would be the Student Writing Center.
- Discuss your figures somewhere in the sections they are placed. This reinforces the ideas you are trying to present with the figure and explains to the reader why it is there.
- Many of your figures appear to be scanned from other sources at a low resolution. Consider scanning at a higher resolution or redrawing them yourself at a higher resolution.
- Fill out the rest of the sections in your paper. Make sure that they coincide with your paper’s overall focus.
- Provide a conclusions or summary section at the end of the paper to solidify what the reader should take away from it.