CS8701: Overview of Database Research  
(Group G06: Rooma Rathore, Rohini Prinja)

Project Topic: Overview of Mobile Database Caching

Summary of Changes
First we would like to thank Prof. Shashi Shekhar, TA: Sangho Kim and our classmates Mitchell Felton, David Nguyen (G11) and Kuo-Wei Hsu, Amanuel Godefa (G10) for their constructive feedback. We have found the review comments very useful and have made the following changes to our paper based on the feedback.

General Structure
Email addresses of authors were added. Width of abstract paragraph made smaller than the regular paragraphs. Paper divided into multiple sections and conclusion section was added.

Abstract and Introduction
The abstract and introduction were rewritten to match a typical structure with motivation, problem definition etc. There were many comments stating the contribution of our paper was not clearly stated and the purpose wasn’t very clear. In our paper we summarize the work done in area of mobile database caching. We also compare the techniques based on strengths and weaknesses. This was now clearly stated in abstract and introduction.

Body
The body section went through a major overhaul. The paper was divided into there more topics, cache granularity, cache coherence and cache replacement. Subtopics were added under these topics to make the outline much more visible.
The main sections were also re-written to have same level of details for each topic. Figures were removed. One table included in paper was re-drawn. Many of the sentences pointed out as being confusing, were re-worded. Many of our citation numbers were wrong. This was corrected.
We added some more material in area of cache granularity and cache replacement. It was pointed out that we were missing the comparison of various techniques described in different papers. We added a comparison section of each of the main topics described above.

Conclusion
The paper was missing a conclusion section that was added. In the conclusion section we point out there is still need for further research in area of mobile database caching, especially in area of cache replacement.

References
Some new papers were added to this section.