Assignment-5	MINI DB-ENGINE (Phase IV) Research and Advanced DB Concepts	

Write a research paper on one of the areas below:

- Query Processing and Optimization
- Transaction Processing and Concurrency Control
- Database Recovery
- Database Security
- Distributed Databases
- Deductive Databases
- Temporal Databases
- Data Warehousing and Data Mining
- Object Oriented vs. Object relational Databases

Basic Requirements:

- Minimum of 10 page (single spaced) paper or equivalent.   (Journal Format)
- Minimum of 4 Journal, or Conference Proceeding References (ACM SIGMOD/PODS, IEEE Data Engineering, ACM TODS (Transactions of Database Systems), VLDB, IEEE Transactions on Knowledge and Data Engineering
- 30 Minute Presentation for Graduate Students
- Two Column layout
- Figures / tables when necessary
- Page number, footnotes, references

What to hand in:
- ◘   **Cover page** with proper title, your name, course # and name, assignment #, date, etc....
- ◘   Paper including:
  Abstract
  Introduction
  Literature review
  Body
  Conclusion
  Implementation Plan (How you plan to implement one or more of the techniques
                  discussed in the paper, into your Mini-DB database).
  References

Hint:
- ◘   For ideas about format and style of your paper, check the ACM and IEEE web sites:
  http://www.acm.org/sigs/publications/proceedings-templates
  http://www.acm.org/pubs/submissions/msword_style/index.htm
  http://www.ieee.org/portal/cms_docs/pubs/confpubcenter/pdfs/samplems.pdf