

Purdue University
Computer Science Department
CS 448: Introduction to Database Systems()
Prof: Bharat Bhargava

CS 448 – Research Assignment

Non programming assignment 5
5% GRADE
DUE DATE 4/23/2014

Question 1: What is high frequency trading of stocks?

Question 2: What are the advantages of Cloud computing? What are the problems?
(You may see some literature under <https://www.cs.purdue.edu/homes/bb/cs590/>)

Question 3: Read the following three papers and write one to two page summarizing the main ideas.

See the class web site for the following paper:

Concurrency Control in Database Systems Bharat Bhargava, IEEE Trans on Knowledge and Data Engineering, 11(1), Jan.-Feb. 1999

(Go to <https://www.cs.purdue.edu/homes/bb/cloud.html> for slides and papers for the following)

B. Bhargava, P. Angin, L. Duan. A Mobile-Cloud Pedestrian Crossing Guide for the Blind, in International Conference on Advances in Computing and Communication ICACC-11, April, 2011, India. Slides Abstract

R. Ranchal, B. Bhargava, L. Othmane, L. Lilien, A. Kim, M. Kang, M. Linderman. Protection of Identity Information in Cloud Computing without Trusted Third Party, in Proceedings of Third International Workshop on Dependable Network Computing and Mobile Systems (DNCMS 2010) in conjunction with 29th IEEE Symposium on Reliable Distributed System (SRDS), Oct 2010, New Delhi, India. Slides Abstract