

DISTRIBUTED SYSTEMS 2014 PROJECTS

Ozkan: Implementation of Wu's k -connected m -Dominating Set Algorithm on TOSSIM.

Avni Sedat: Implementation of SERENA and OSERENA algorithms on TOSSIM.

Yalcin: Implementation of Dominating Set Algorithms in Chapter 11 on our distributed algorithm simulator.

Can Umut: Implementation of Distributed Weighted Matching Algorithms on our distributed algorithm simulator.

Durmus: Implementation of Greedy Distributed MVC Algorithm and Greedy Distributed MWVC Algorithm algorithms on our distributed algorithm simulator (See course book for details).

Emre: Implementation of Ricart Agrawala, Suzuki-Kasami and Raymond's algorithms.

For project milestones, please see course plan.

Requirements for 1st Project Report

1. Explanations of your algorithms with their pseudocodes.
2. An example operation for each algorithm.
3. Theoretical analysis for each algorithm.
4. Implementation considerations for your algorithms.