

1. Objective

- Simulation of the developed models in project #3 and statistical and analysis of the simulation results.

As the final project, this project sums up the results of previous ones and concludes this term project.

2. Report should include the following 6 sections:

- (1) Introduction
 - (a) Motivation of the project
 - (b) Related works
 - (c) Differences and advantages of your approach over others
- (2) Problem description
 - (a) System architecture
 - (b) Problem description based on the architecture
 - (c) Importance of the problem
 - (d) Methods to solve the problem
- (3) Modeling of the system
 - (a) System decomposition tree (Tree for simulation architecture)
 - (b) DEVS specification of models
 - (c) DEVSim++ implementation
 - (d) Verification of models
- (4) Design of an experimental frame
 - (a) Input data preparation with goodness of fit test or validated data
 - (b) Performance index and measurement methods
- (5) Simulation results and analysis
 - (a) Simulation runs with a pre-specified desired accuracy and significance level
 - (b) Statistical analysis of the results
 - (c) Comparison of the alternatives (if possible)
- (6) Conclusion
 - (a) Conclusion of the project
 - (b) Discussion about future work

3. Submit the report both in a printed hard copy to our office (3108, LG Hall) and in an e-mail(kbgmode@kaist.ac.kr).

4. Simulation model should run. (working:50% + others:50%)

Due on Dec. 17.

Submit : E-mail (kbgmode@kaist.ac.kr)

File&E-mail Title : [201XXXXX Name] EE612 Project#3