

**CMSC 735**  
**Assignment 3**

**October 31, 2001**  
**(Due: November 12, 2001)**

This is a follow-up to the annotated bibliography project. Each of you will be assigned to read three papers you read for assignment 1 and write a set of GPM goals that represent the basic study of the work reported in the paper, list the set of models used with definition of terms, and give the metrics or data collected and analyzed. You will state as many context variables as you can.

Then you should evaluate the study based upon its consistency in making clear its goals, providing sufficient information to do the analysis, and interpreting the results that they provided in the paper.

Based upon this analysis, you should generate a new abstract.

For each abstract you wrote you should read and comment on the abstract to assure it conforms to the requirement, i.e., can you understand the abstract from the point of the entity being studied, (i.e., the process, product, model, metric, ...), the attributes of the entities that are of interest, the purpose of the study, (i.e., whether the study is aimed at characterizing, understanding, evaluating, predicting, or improving), and for who the study should be of value, (i.e., a researcher, project manager, corporation,...). The context should also be clear, i.e., a company, the relevant characteristics of the company, if it is a class project the assumed background of the participants.

Note whatever information is important to understand the model or metric, e.g., certain definitions, environmental characteristics, information about process conformance, underlying models, etc., should be in the abstract. Each abstract should be between 250 and 300 words.

Send your paper to Cathy Sinex ([cathy@cs.umd.edu](mailto:cathy@cs.umd.edu)).