EE/CpE 415-423 – 416/424
2002 Fall – 2003 Spring
WEEKLY STATUS REPORT

Group No.: 3	Date: November 25th, 2002		Report No: 10
Project Title:	Source Code Reuse Mechanism		
Group Leader:	Noel Villegas	Advisor:	Professor Kiss
Sponsor/Client:	BAE Systems		
Number of Hours Spent:	40		
Project on Schedule:	YES		

Weekly Status:
Last week we gave a presentation for Professor Kiss, elaborating on the current direction of our research. Some of the slides we used may be used for our final presentation for senior design this fall. The majority of the slides we presented were based on material gained from the Generative Programming book. Seeing as how reusability can be approached by generality, we focused on the techniques of domain engineering, generative programming, and various methodologies. The slides prepared were a focus on their applicability in the software engineering process, and further slides detailing their points.

Professor Kiss critiqued our slides, offering ideas for improvement for our final senior design presentation. The main areas for improvement were focus, duration, and depth of slides. We established some milestones for our future work, which we should have on our calendar. In the near future, the most important milestone is the final senior design presentation on December 3d. With that in mind, we hope to finish up the details of our approach to have it ready for next week's presentation.

For our concrete libraries, we have divided the labor into two groups. Greg and Juan will design and implement the majority of the Kalman Filter Library. Aiyana, Noel and Sandra will be in charge of the Matrix Library. We will work on the simple trigonometric example together early next semester as dictated by our schedule. The Matrix Library will be aided by the inclusion of a Generative Matrix Computation Library (GMCL) in the Generative Programming Book.

This week we will finalize our approach and prepare for our December 3d presentation.