

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

Group No.: 3
Project Title:

Date: March 31, 2003
Source Code Reuse Mechanism

Report No:

Group Leader:
Sponsor/Client:
Number of Hours Spent:

Noel Villegas
BAE Systems
30

Advisor: Professor Kiss

Project on Schedule:

Weekly Status:

Last week Greg issued another revision of the SCDD. He and Noel contributed to the Risks and Mitigations sections.

Juan worked on compiling information for domain scoping, domain collecting, data analysis and classification.

Noel worked on setting up the Kalman Filter implementation struct that had been previously sent out in their respective source files with the matrix libraries. The team has switched from the matrix template library to the blitz matrix library. The blitz library offers higher performance operations than the mtl, and it is more flexible in terms of matrix manipulation.

Sandra modified the polynomial interpolation algorithm to interpolate a variable number of data points through the interpolant. Previously, her natural spline interpolation only used two knots. She discussed with professor Berger (a numerical analyst) to discuss algorithms for optimal interpolation.