

**CMSI 402 SENIOR PROJECT LAB**  
Project Status Report #2

**Name:** Mark S. Kolich  
**Date:** Tuesday, February 01, 2005  
**Project:** Silhouette (Real-time Shape/Color Recognition)  
**Period:** January 25, 2005 through February 1, 2005  
**Project Goals:** Silhouette will implement a known shape detection algorithm and package it into a powerful and easy to use open-source application written in Java. The application will be developed to highlight the performance of the algorithm using a live JPG stream from an Axis network-camera.

**Accomplishments**

- Completed Analysis phase of project, and have stayed on track with my project schedule. The following documents have been completed and committed to my Software Development Notebook (SDN): supported activities (requirements), description of the human-computer interface, ethical concerns, security requirements, use-cases, formal scenarios, and a use-case diagram.
- Experimented with several shape detection by morphing algorithms.

**Plans**

- Start design-development process by compiling several high-level class and object diagrams. Complete design process with CRC cards, and other detailed class diagrams by design phase deadline...
- Complete all design related documents by MILESTONE #1 on February 15<sup>th</sup>.

**Risks**

- Depending on the timing of the semester and the urgency of the project schedule, I may continue to refine the scope of my project to successfully meet the end of semester deadlines.