

CMSI 402 SENIOR PROJECT LAB
Project Status Report #3

Name: Mark S. Kolich
Date: Tuesday, February 08, 2005
Project: Silhouette (Real-time Shape/Color Recognition)
Period: February 1, 2005 through February 8, 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 high-level class diagrams using a popular open-source UML modeling tool: Argo UML. Began preparing object diagrams for each use case.
- Looked over several-papers on shape detection algorithms. Nothing too helpful.
- Contacted several prominent researchers in the field of machine vision for advice on my problem.

Plans

- Prepare detailed interface mock-ups, complete CRC cards, and FSM diagrams for each use-case.
- **Complete all design related documents by MILESTONE #1 on February 15th.**

Risks

- None at this time.