

CMSI 402 SENIOR PROJECT LAB
Project Status Report #9

Name: Mark S. Kolich
Date: Tuesday, April 19, 2005
Project: Silhouette (Real-time Shape Recognition)
Period: April 12, 2005 through April 19, 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

- Refined vector extraction algorithm to eliminate unnecessary vectors and combine stray vectors to create a single vector.
- Created several methods which clean and refine list of extracted vectors.
- Began implementation of my square/rectangle shape recognition algorithm! Should have something working by tomorrow or so.
- Began working on my Deployment/Delivery section of my Software Development Notebook.
- Wrote my “lessons learned and future directions” project summary which has been added to my notebook.

Plans

- Continue working on the square/rectangle shape extraction tool. **Get the square/rectangle shape recognition working as soon as possible!**
- Complete the Deployment/Delivery section of my notebook by Friday, April 22nd.
- Complete the algorithm description of my vector extraction and shape recognition algorithm by Friday, April 22nd.

Risks

- None at this time.