

Massachusetts Institute of Technology
Department of Electrical Engineering and Computer Science
6.111 - Introductory Digital Systems Laboratory

Final Project Check Off Sheet

Project Title: User-friendly stylus and video surface CAD system

Student Names: Faraz Ahmad, Paul Peeling, and Jeremy Schwartz

TA Name: Charlie Kehoe

TA Signature/Date:

Design

- State transition diagrams, Block Diagrams, Code for position module (Jeremy)
- State transition diagrams, Block Diagrams, Code for command module (Paul)
- State transition diagrams, Block Diagrams, Code for video module (Faraz)

Functionality

- Demonstrate accurate detection of the stylus position (Jeremy)
- Demonstrate ability to draw shapes, snap to grid, and change properties (Paul)
- Demonstrate video output to stylus surface (Faraz)

Discussion

- Can the project be extended (time permitting) into a full-fledged CAD system?
Does the system perform more efficiently than an equivalent software package?
How could performance be improved?