Massachusetts Institute of Technology Department of Electrical Engineering and Computer Science 6.111 Introductory Digital Systems Laboratory (Spring 2007)

Final Project Check Off Sheet

Project Title: Laser Sketch	
Student Names: Walker Chan, Huy Nguyen, Sharon Chou	
TA Name: David Wentzloff	
TA Signature/Date:	
Group Goals	
Displays still screenshot of GUI.	
Demonstrates display of lines and circles on screen.	
Demonstrates display of lines and circles on wall.	
Demonstrates translation of lines and circles on screen.	
Demonstrates rotation of lines and circles on wall.	
User I/O (Sharon)	
Mouse input handler.	
Keyboard input handler.	
Translation and Rotation (Huy)	
Translation module scales image stored in RAM.	
Rotation module rotates image stored in RAM.	
Laser Driver (Walker)	
Laser driver with translation and rotation of images.	
FPGA outputs correct analog waveforms to drive laser.	