

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

Final Project Check Off Sheet

Project Title: Motion Sensor Baseball Game

Student Name: JinHock Ong, Chris Falling

TA Name: Chris Forker

TA Signature/Date:

Design

- State transition diagrams, Block Diagrams, Code (JinHock)
- State transition diagrams, Block Diagrams, Code (Chris)

Functionality

- Video output of a static baseball bat and the background. (Chris)
- Video output of a computed pitch and detected swing. (JinHock)
- Working game: the ability to determine a hit and score of a swing.

Discussion

- How does the video recognition of the bat work? How does the hit algorithm determine if the bat connected with the ball?