

Final Project Check Off Sheet

Project Title: Virtual Basketball: How Well Do You Shoot?

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TA Name: Javier Castro

TA Signature/Date:

System Level

Fully integrated game system (accelerometer input to game display)

User Inputs (Chun)

State Transition Diagrams, Block Diagrams, Code for the Accelerometer

Calibration of the accelerometer: 0g bias and sensitivity

Functional ADC Serial Interface

Functional Integration Module

Game Logic and Display (Jingwen)

State Transition Diagrams, Block Diagrams, Code for Game Display

Screenshot of Game Display based on stored ROM image

Given initial velocities, display object motion along the calculated parametric trajectory.

Visual aesthetics (bouncing ball, shadow, score box)