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

Final Project Check Off Sheet

Project Title: Wake Up Your Way Alarm Clock

Student Names: Eleanor Foltz and Jon Spurlock

TA Name: Charlie Kehoe

TA Signature/Date:

Design

☐   State transition diagrams, Block Diagrams, Code for Eleanor Foltz

☐   State transition diagrams, Block Diagrams, Code for Jon Spurlock

Functionality

☐   Demonstrate regular operation: clock shows current & alarm times.

☐   Demonstrate changing alarm and current times.

☐   Demonstrate alarms being triggered: light, music, buzzer, voice memo

Discussion

☐   Describe your design flow.

     How do different modules communicate?

     Why are the modules instantiated at particular levels?

     Are inputs synchronized? Why?

     Describe some of the modules.

     What does reset do?

     What happens if an input signal is disconnected?