

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

Final Project Check Off Sheet

Project Title: MP3 Player

Student Names: Alma Rico and Amy Wibowo

TA Name: Charlie Kehoe

TA Signature/Date:

Design

- State transition diagrams, Block Diagrams, Code for audio portion (Alma)
- State transition diagrams, Block Diagrams, Code for video portion (Amy)

Functionality

- Demonstrate display of playlist (Amy)
- Demonstrate selection of songs (Amy)
- Demonstrate playing and transitioning between songs

Discussion

- Describe how the modules communicate, and the timing issues involved.
How are songs stored and retrieved in memory?
Which inputs must be synchronized, and why?
Can the control signals for the MP3 decoder glitch? Why or why not?
Given the time, what other features would you add, and how?