

Final Project Check Off Sheet

Project Title: Voice Recognition System

Student Names: Jaime Díaz & Raiza Muñiz

TA Name: Amir Hirsch

TA Signature/Date:

Design:

Design methodology, partitioning and testing.

Modules State and Block Diagrams.

Speech Processing: (Jaime)

The system is able to capture and analyze the user voice inputs

The system is able to produce meaningful Spectral Coefficients for the voice inputs (Hamming Window, DFT, Mel Filters, Log, DCT)

Distance module works accordingly.

Control Unit and User Interface: (Raiza)

Controls all other blocks accordingly.

Supplies the Distance Module the stored vectors, and matches users and Spectral -Coefficients.

Memory module stores and read the user's Spectral Coefficients as needed.

ADD and ID user inputs work properly.

Video Interface.