Senior Design Project Concept - Variable Length Air Column Resonator with Electronic Excitation Resonant Harmonics Frequency Output Containing Natural Commercially Available Biass Instrument Semia Conto (Resonator) by Matt Falconer, Abdullah Abdulrahman, and Hung Do Signals 0 Control Computer Am los Musical I wout Signals 70 50 Synthesized Solomos Tac Sa Ere Actuator Cudsper Andio Signal 3 Student - Fabrica La Manting Enclosure