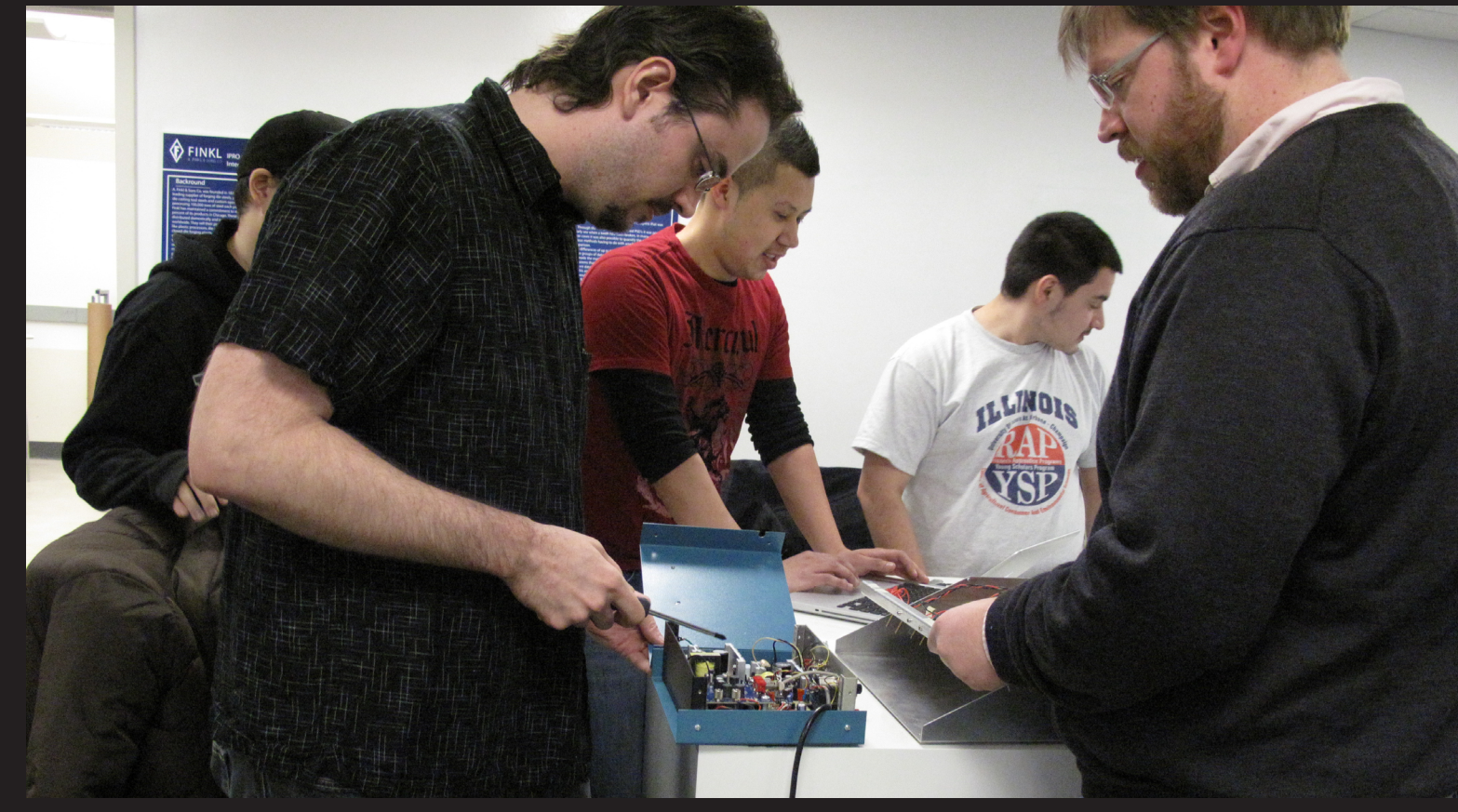


I PRO 315

iFidelity



Background

For five semesters IPRO 344 has been involved in audio testing and low powered audio, this has culminated the design and improvement of a fast-food ordering style intercom.

An ordering Kiosk with improved acoustical properties was designed, built and extensively tested.

The previous IPRO was able to determine microphone type, positioning within the ordering kiosk and ordering distance for optimal performance.

IPRO 315 is an extension of 344 and we have built off their research and chosen to further improve upon their system by removing points of weakness.

Objectives

Convert the current wired link between kiosk and the server-side module into a wireless system.

Ensure quality standards are met.

Enable the customer to place orders remotely, within a short range from the kiosk, via mobile device.

Generate a sample food menu and test ordering procedure.