

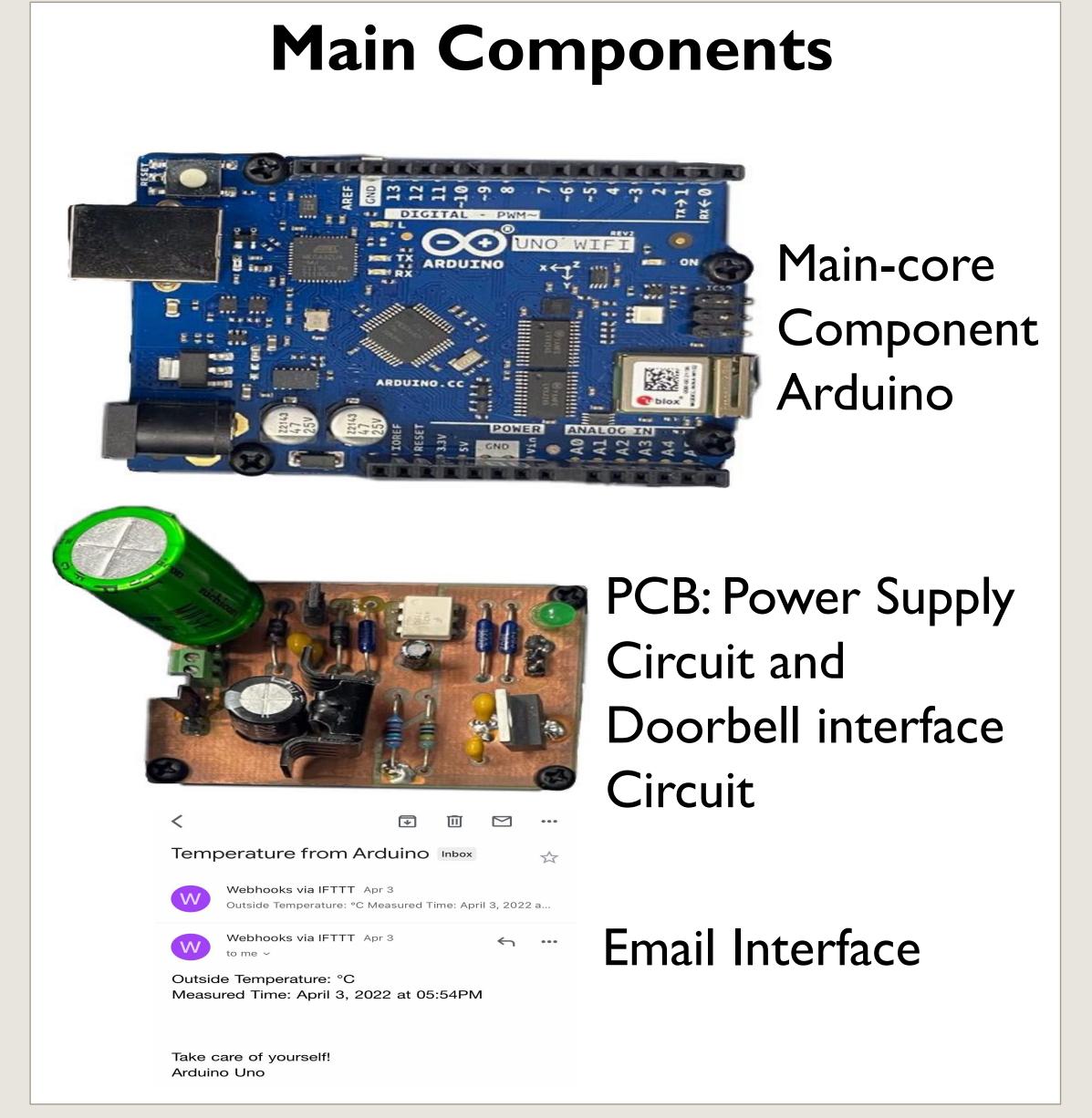
Doorbell Alerting System Electrical & Computer Engineering

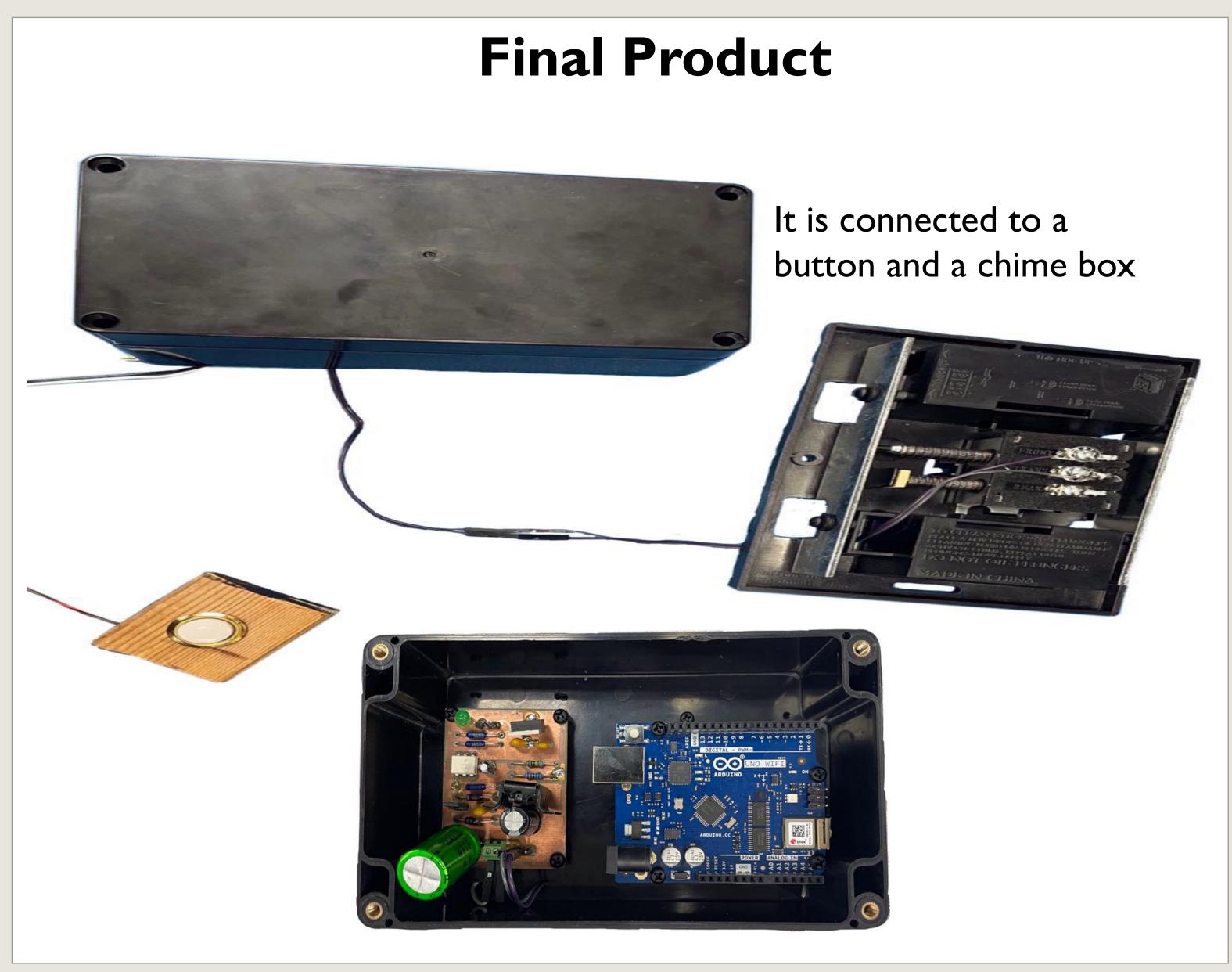


Project Overview

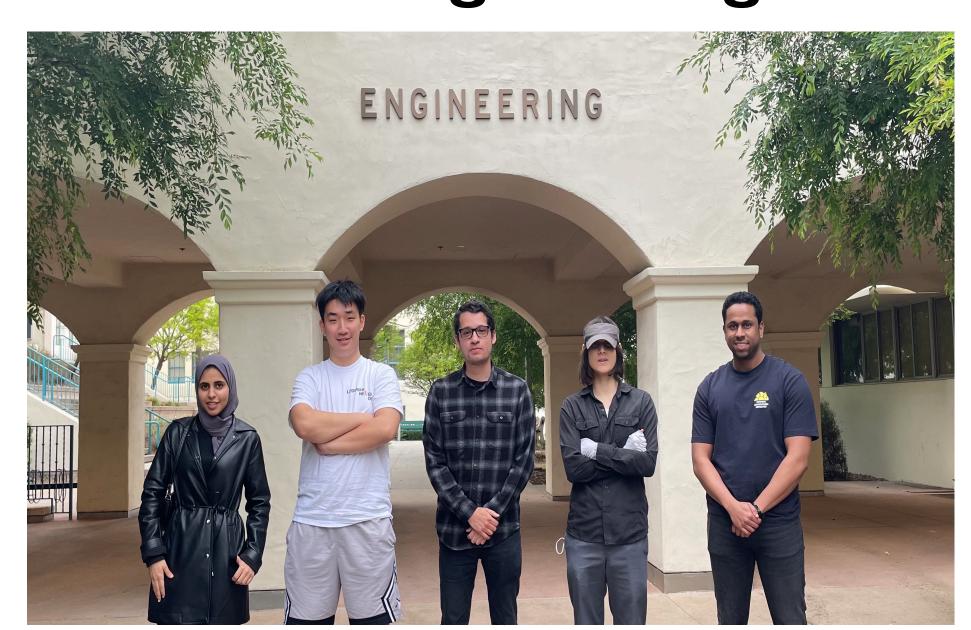
It is a smart upgrade for conventional doorbell systems that upgrades your current one to a more comfortable and quicker experience. It is designed to interface with an existing 16-24V doorbell and wiring.

When a visitor presses the button, an optocoupler detection circuit passes a 0-5V digital signal to an Arduino with Wi-Fi capabilities. The Arduino reads the input signal, and if the button is pressed, it sends an event to a host server that uses IFTTT protocol. The server generates an email notification to be read on the user's mobile device.





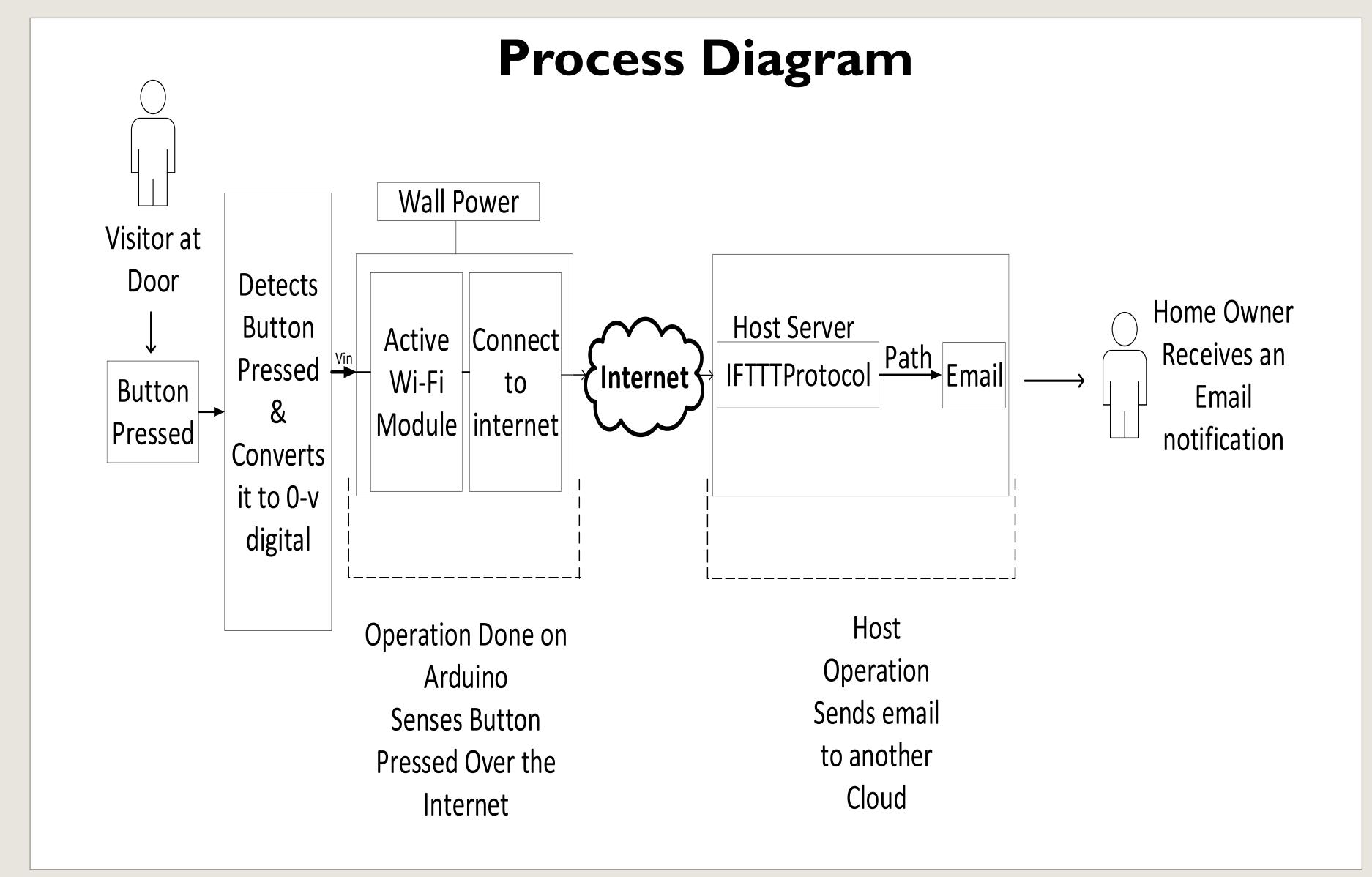
Dorr-Bell Engineering Team



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