VASISHTA MALISETTY

COMPUTER ENGINEERING AT NORTHEASTERN UNIVERSITY
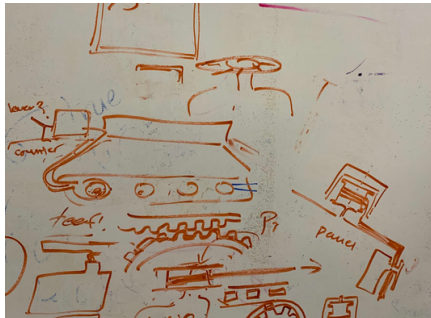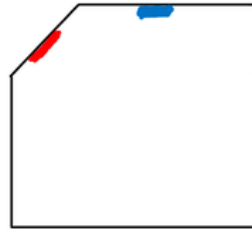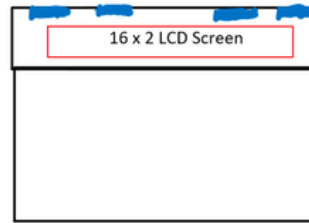
✉ malisetty.v@northeastern.com
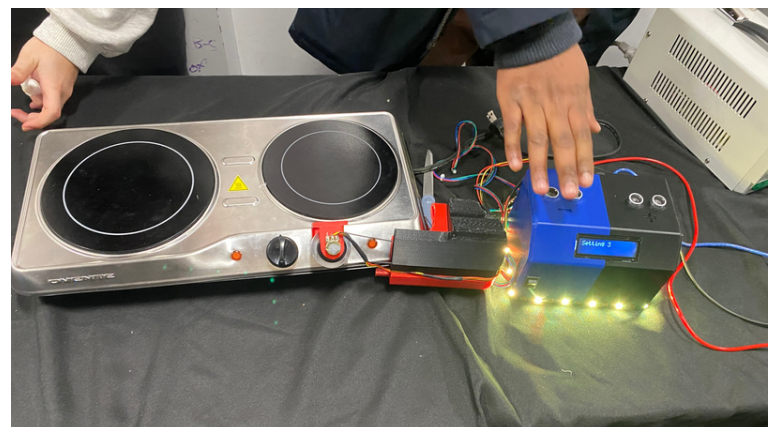
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CONTACTLESS STOVETOP (HEATWAVE)
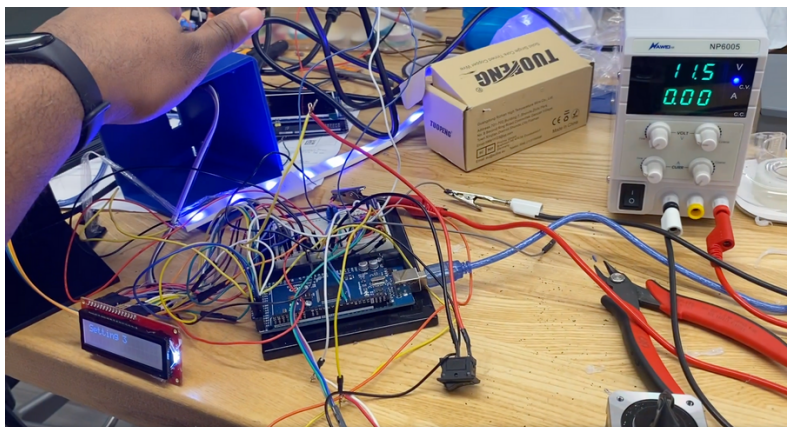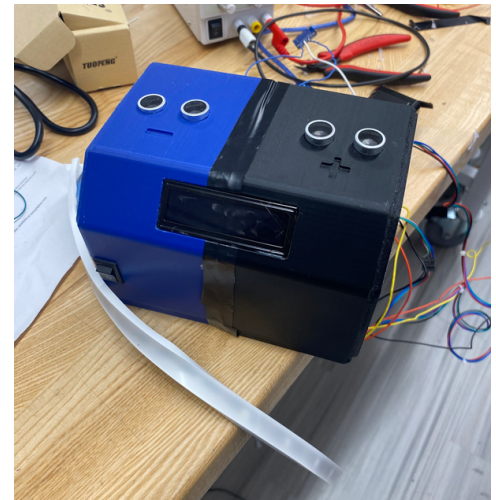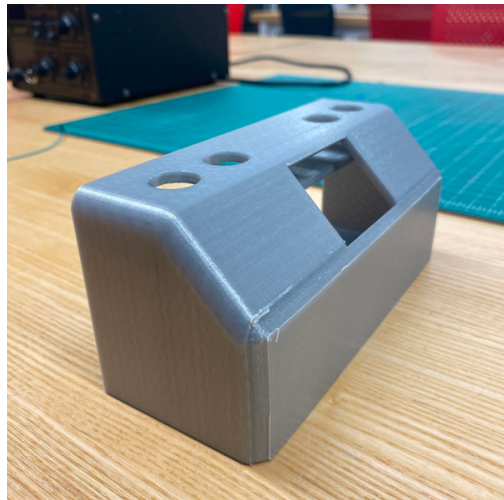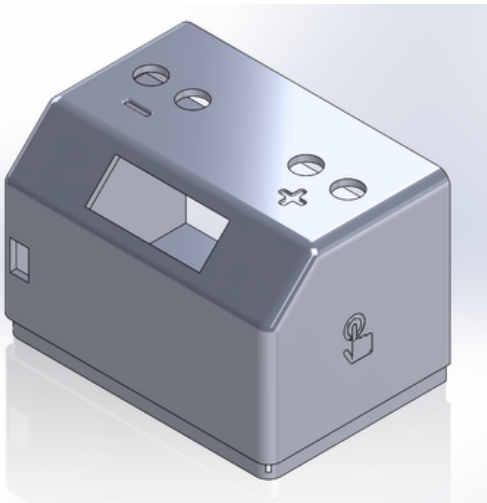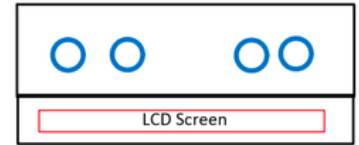

What?
- Developed a contactless stovetop that allows the user to control the heat applied using hand gestures

How?
- Developed ultrasonic motion detectors using **C++** and **Arduino**
- Designed circuitry housing unit using **Solidworks**

Results
- The design fulfilled its purpose by allowing users to rapidly switch between five distinct heat settings with hand gestures