Kyle Jackson

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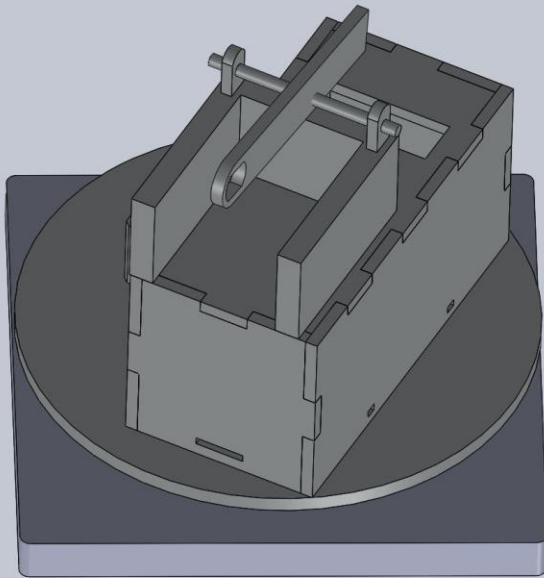
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Automated Card Dispenser

My objective for this project was to design an affordable, automated card dispenser with multiple Integrated motors and sensors. I also wanted to create a user-friendly, functional system.

Outcomes & Contributions: I successfully designed and built a functional dispenser that Integrated multiple components to work seamlessly. I also learned to code and control motors and sensors.

Technical Details & Skills:

Motor and sensor integration.
Coding for automation.
Circuit design and assembly.

Technology Used:

Arduino microcontroller.
Stepper Motor.
Ultrasonic sensors.
Keypad.