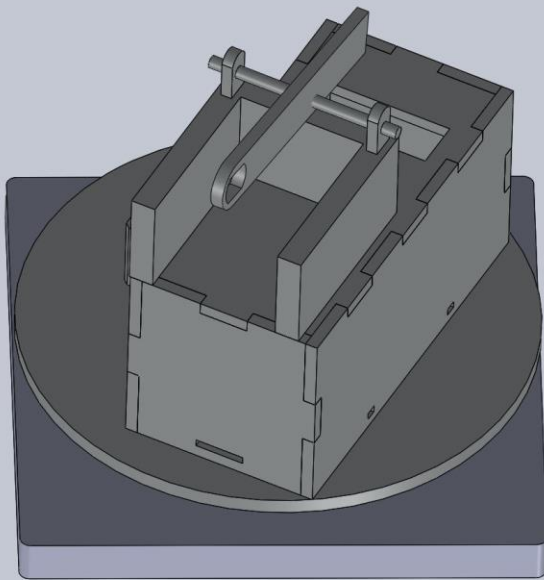




## Automated Card Dispenser

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.

