

Project Note — LED Control System (Arduino)

This project is a simple LED control system built with an Arduino. It demonstrates the basics of digital output by turning an LED ON and OFF using programmed time delays. The goal of this project is to understand how microcontrollers interact with electronic components and how to use Arduino's `pinMode()` and `digitalWrite()` functions.

This is my first embedded systems project and serves as the foundation for more advanced projects like sensors, robotics, and automation.