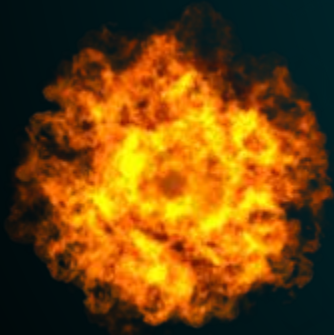
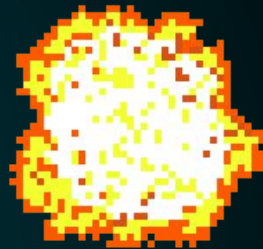


MISSION: IMPOSSIBLE

# Team Dell: Project Timesheet

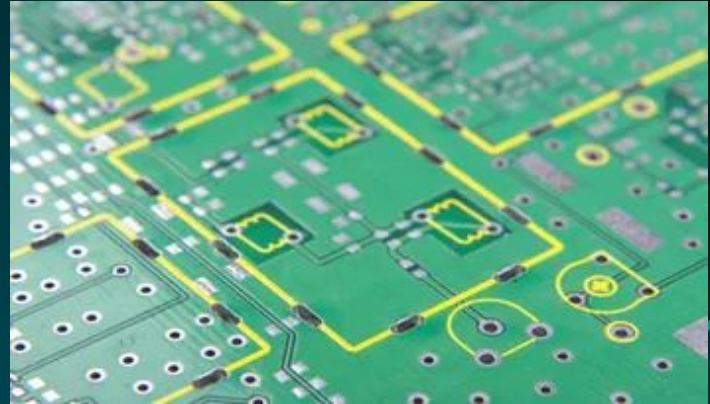
By: Hazael Magino, Blake Webb, Airik Jenkins,  
Abner Ben





# Agenda

1. Introduction
2. Diagrams
3. Schematics
4. Code
5. Accomplishments/Obstacles
6. Future Plans



# Intro



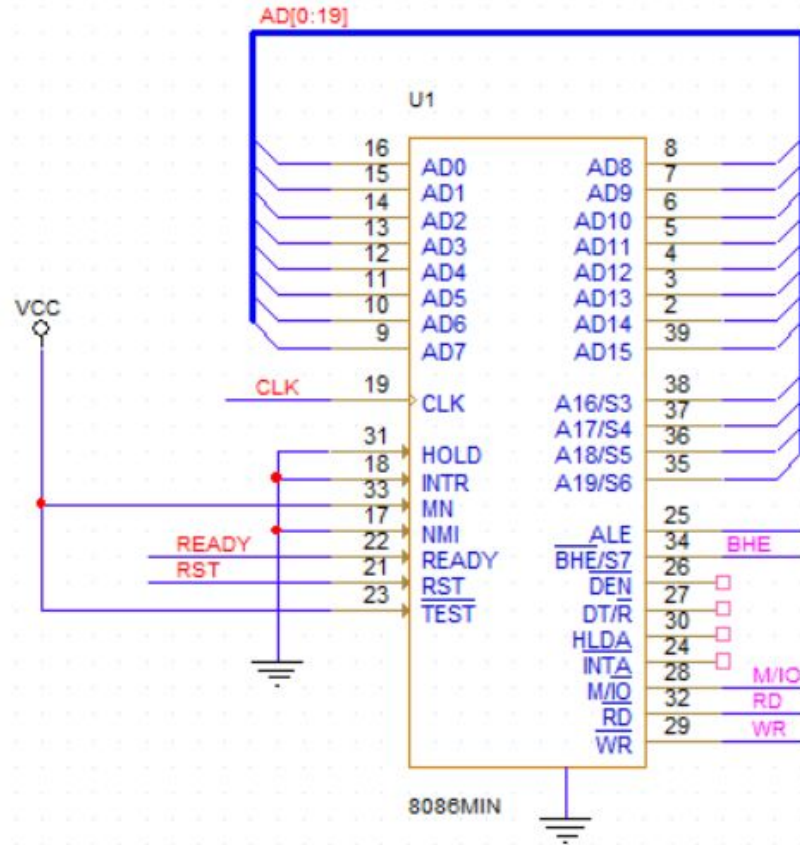
## Goal:

Design and build the necessary components of simple clock tracking device

## Design Specifications

- Has to sign people in and out
- Store employees and not erase (small company of 50 employees or less)
- Work without wifi





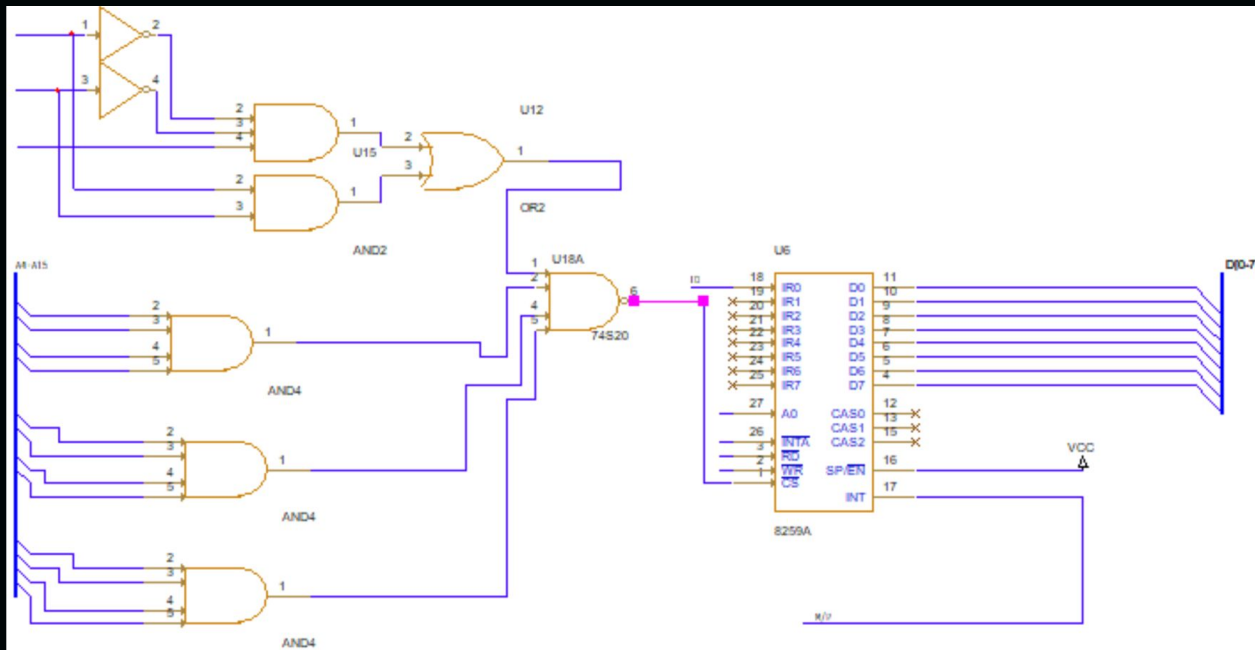
# Schematic: 8086

- Time calculation
- Sign In(1)/Out(0)
- Overtime Calculations



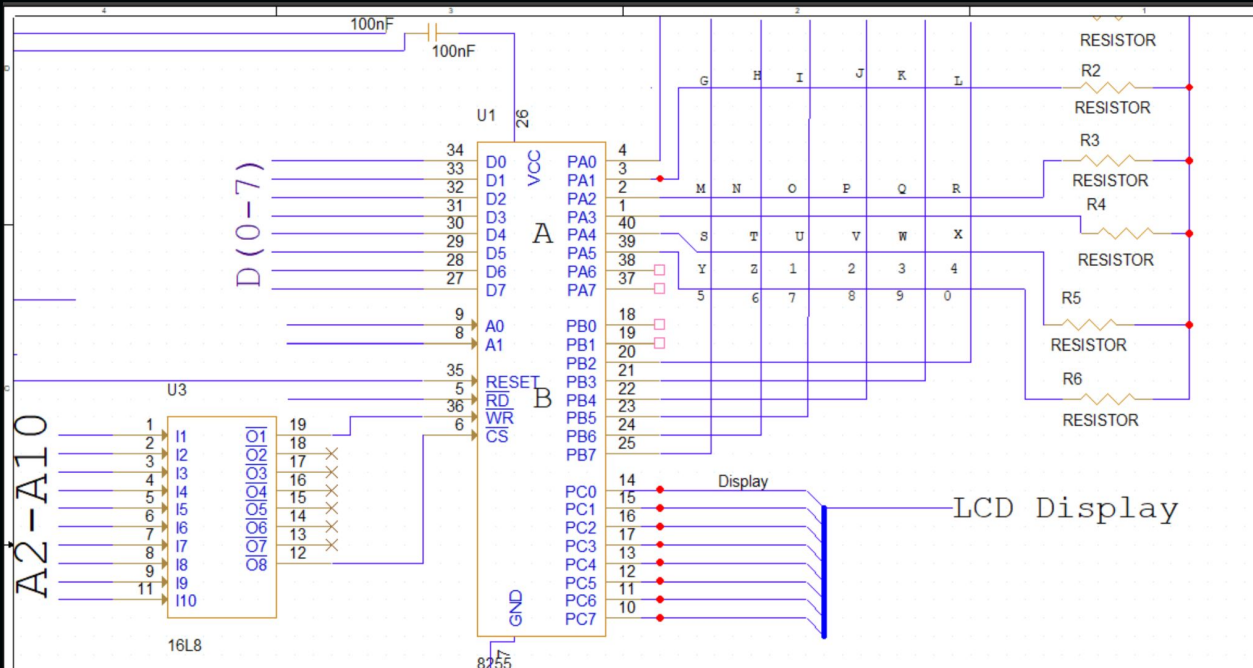


## Schematic: 8259



- Necessary Decoding for chip select
- S/1
- 1R71-1R6- No connects\*
- D[0-7]

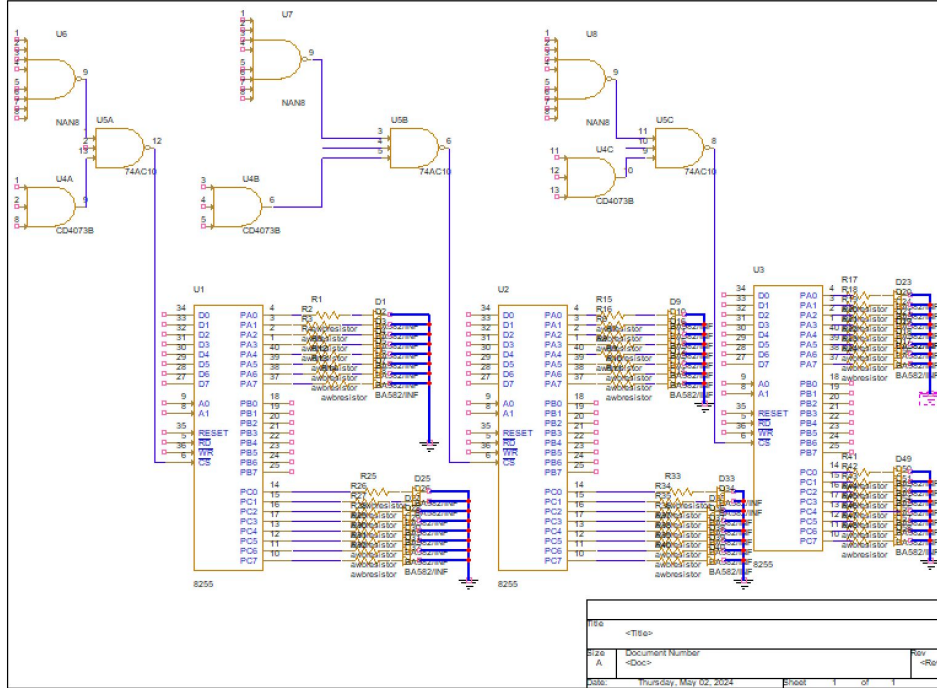
# Schematic: 82C55



- Keyboard Matrix
- Port C for LCD Display output
- 16L8 necessary decoder for Chip select
- 01
- 08
- Common voltage source



## Schematic: 8255



- 3 units for multiple I/O support
- Can be connected to external numpad
- 3 different port addresses
- Allows more space for multiple people to sign in at once



## A tilted, perspective view of a computer keyboard, showing keys with various characters and symbols. The keyboard is angled towards the bottom right. On the left side, there is a teal and blue geometric overlay consisting of several overlapping rectangular shapes, creating a modern, digital aesthetic. The overall image has a high-tech, futuristic feel.

# Menu

## Clock out (store name)

## Calculate payout (return integer)

# Accomplishments & Obstacles

## Accomplishments

- Interactive Menu
- Functional Calculator

## Obstacles

- Tools
- External Resources
- Time Constraint



# The Future



Optimized Code

16 bit code

Card Scanning

No keyboard input

Memory

No file