

## Introductions 🖼





**Vivian Zeru** 

- Sophomore
- Vanderbilt University
- Electrical and Computer Engineering (ECE)
- Hobbies: Swimming, Violin, Calligraphy

### **EMS Overview**

Manager: Amber Buehner; Mentor: Aspen Lara



• Employee Management System: Manages employee schedules, etc.



 Bid and Award: Ability to bid on shifts and vacations, track employee schedules



Frontend: Angular



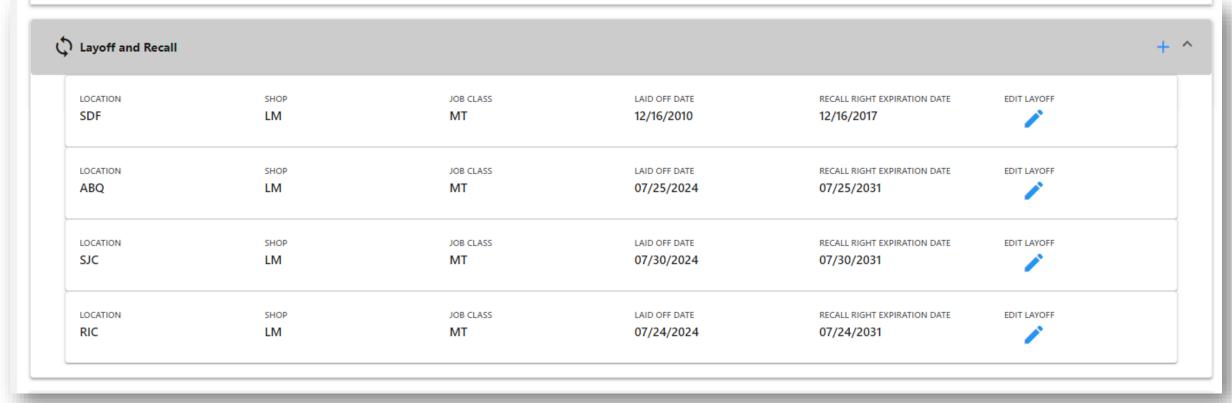
Backend: Java; SQL Database



# Layoff/Recall

#### Overview

- Workers may be laid off from their shift → Grants access to recall rights (for 7 years)
- Business issue: Burden to keep up with each layoff
- Developer issue: Inputting datascripts for each layoff
- Solution: Ability to add and edit a layoff/recall for a particular employee







### *Implementation*

- Includes optional comment box
- Auto-calculates expiration date
- Shop and job class update based on gateway (to avoid invalid layoff/recalls)
- Displays on profile
- Limited access to add and edit based on employee roles
- Once accepted, refused, or expired, edit pen is disabled

