# Project 1 (Due 07/05/2024)

## Personnel Management

### Objective:

Create a personnel management solution that will enable an administrator at a given company to manage the employees working at any of its offices. The administrator should possess the ability to view, add, remove, and alter any of the employees within that company's office(s). The site should provide the administrative team an easy portal to do their job, so having clear and concise UI/UX is paramount. The application should also take into consideration possible edge cases such as offices having their own maximum capacity and handling the addition of employees that would cause the office to exceed its capacity.

### Functional Requirements:

- Must be a full-stack solution consisting of:
  - Angular frontend (HTML, CSS, TS)
  - Spring Boot (Java) backend
  - MySQL database
- Code should be available to a public GitHub repository
- Possesses all required CRUD functionality
- Handles edge cases effectively

### Non-Functional Requirements:

- Well documented code
- Code upholds industry best practices (SOLID/DRY)
- Industry-Grade UI (User Interface)
- Intuitive UX (User Experience)

### Bonus Objectives:

- World's your oyster!