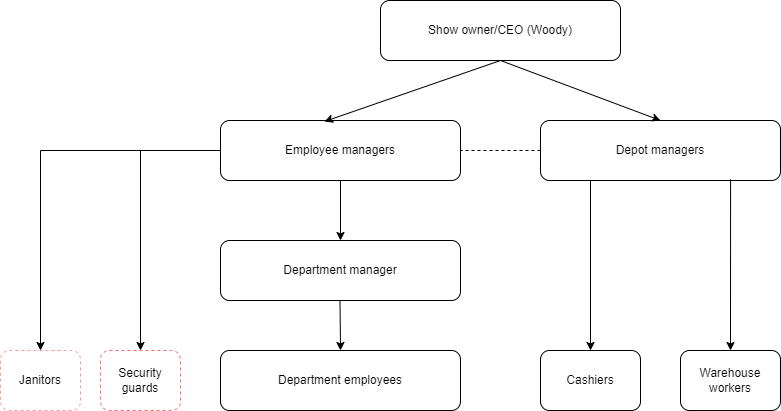
# introduction

This document aims to provide insight into the technical aspects of the project for the **first 6 weeks** (waterfall phase).

In order to make the user requirements more easily understandable and imaginable, we have created the following employee hierarchy scheme.



*(Fig.1)*

Note: Janitors and Security personnel will not have any interaction with the software in its initial versions.

# user requirements

This document uses the MoSCoW user requirement classification system, in which each letter stands for the following:

**M – Must have:** will be implemented mandatorily  
**S – Should have:** will be implemented but possibly not during the first phase.  
**C – Could have:** potential ideas that are not essential but might be implemented at some point  
**W – Won’t have:** features that will not be implemented

### EMployees

1. FR-01 (M): Employees must be able to log in the software  
   (except for janitors and security personnel)
2. FR-02 (M): Employees must be able to log out of the software
3. FR-03 (M): The program will feature different types of employees as in Fig.1
4. FR-04 (M): Employee managers must be able to add employees.
5. FR-05 (M): Employee managers must be able to remove employees.
6. FR-06 (M): Employee managers must be able to edit the details of employees.
7. FR-07 (M): CEO has no restrictions to any features

### Scheduling

1. FR-08 (S): Employee managers should be able to assign shifts to personnel
2. FR-09 (S): Employee managers should be able to view the work schedule for all personnel
3. FR-10 (S): Department managers can view the employees in their department
4. FR-10 (C): Department managers can mark attendance for department employees
5. FR-12 (S): Depot managers can view the cashiers and warehouse workers
6. FR-13 (C): Depot managers can mark attendance for cashiers and warehouse workers

### Inventory & SALES

1. FR-14 (S): Certain employees should be able to see the inventory
2. FR-15 (S): Depot managers can modify (order/restock) the inventory
3. FR-16 (S): Depot managers can add new products
4. FR-17 (S): Depot managers can remove products
5. FR-18 (S): Cashiers can sell products from the inventory
6. FR-19 (C): Cashiers can use barcode scanner to easily sell products