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COM1302

## Mini Project – Milestone I

### Description

A large-scale candle manufacturing company wants to keep track of all of their workers' details, details about their suppliers, distributors. It is not enough to keep the count of candles they make each day in a standard book because those paper documents can easily go missing. It is important to know who visits the factory site from outside and when they arrive and when they leave the site. It is hard to manually find the workers who are eligible for an OT salary when lot of workers work in a large company. Tracking the type of candles mostly requested from distributors is a bit hard job when it is done manually. So, it will be easy if it is done through a database and it makes easy to take better decisions on future production of company. If it is not accurately recorded how much wax the company has, they won't know when they are going to run out of raw materials. It would be a big loss for the company if it happens. Storekeeper needs to check the stores time to time and keeping records in a computer based system will make things more easily accessible.

### Requirements

- The company has to keep track of all of their customers and they want to keep track of their production.
- Receptionist wants to add the details about outside people who visit the factory site and the purpose of visiting.
- Supervisor needs to add the number of candles they make in each type each day.
- Supervisor also has to make the workers eligible for OT salary by considering the working hours.
- Manager wants to change the production of types of candles by considering the demand from distributors.
- Admin needs to add the details of workers, suppliers and distributors.
- Manager wants to order wax when it is needed.
- Storekeeper wants to check whether the number of candles in database is actually present in warehouse.
- Storekeeper needs to add the number of candles which is transported.

## use case Diagram

