

# Cherry Express Delivery

2104355: COMP IT/IE Y.2024

D9 | Presentation

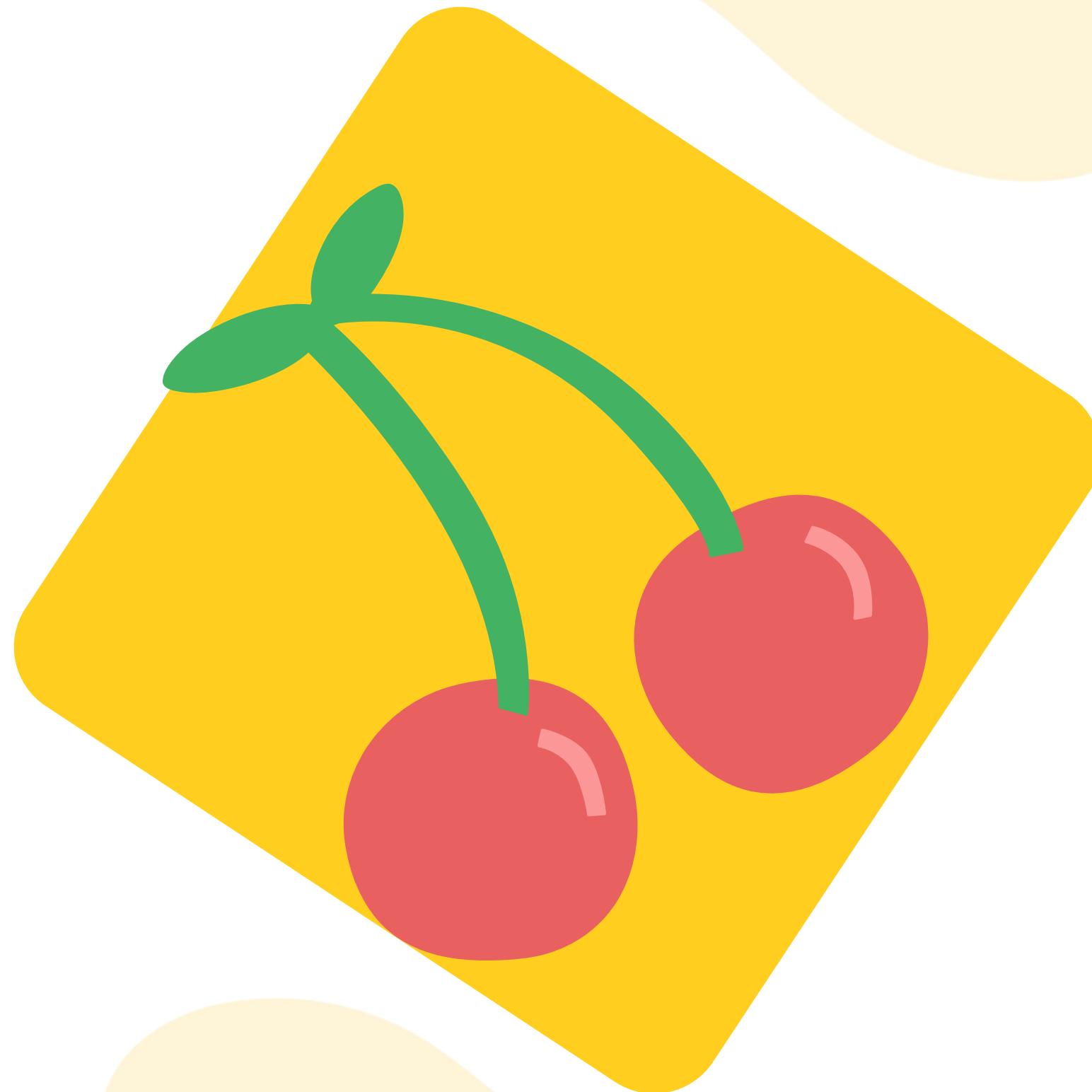
21 Nov 2024



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# Introduction

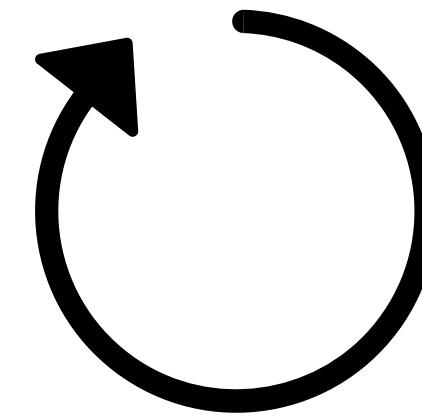
The Cherry Express Delivery project aims to create an intelligent parcel delivery system to improve user experience. It focuses on **speed and convenience**, offering real-time tracking and accurate cost calculation. This project represents a **significant advancement** in applying technology to enhance efficiency and transparency in the logistics industry.

# System Request



  
COST

A large red word "COST" with a grey hammer hitting a yellow starburst behind the letter "O".



# System Request



01

## Low Operating Cost

The project will elevate the delivery experience, **reduce operating costs**, and support the growth of e-commerce businesses.

02

## Categorized Employment

The system must support **the division of employee duties into three groups**: in-store employees, warehouse employees, and delivery personnel.

03

## Revenue

The development of the Cherry Express Delivery system will **generate revenue** for the company by expanding the customer base and increasing efficiency in parcel delivery services.

04

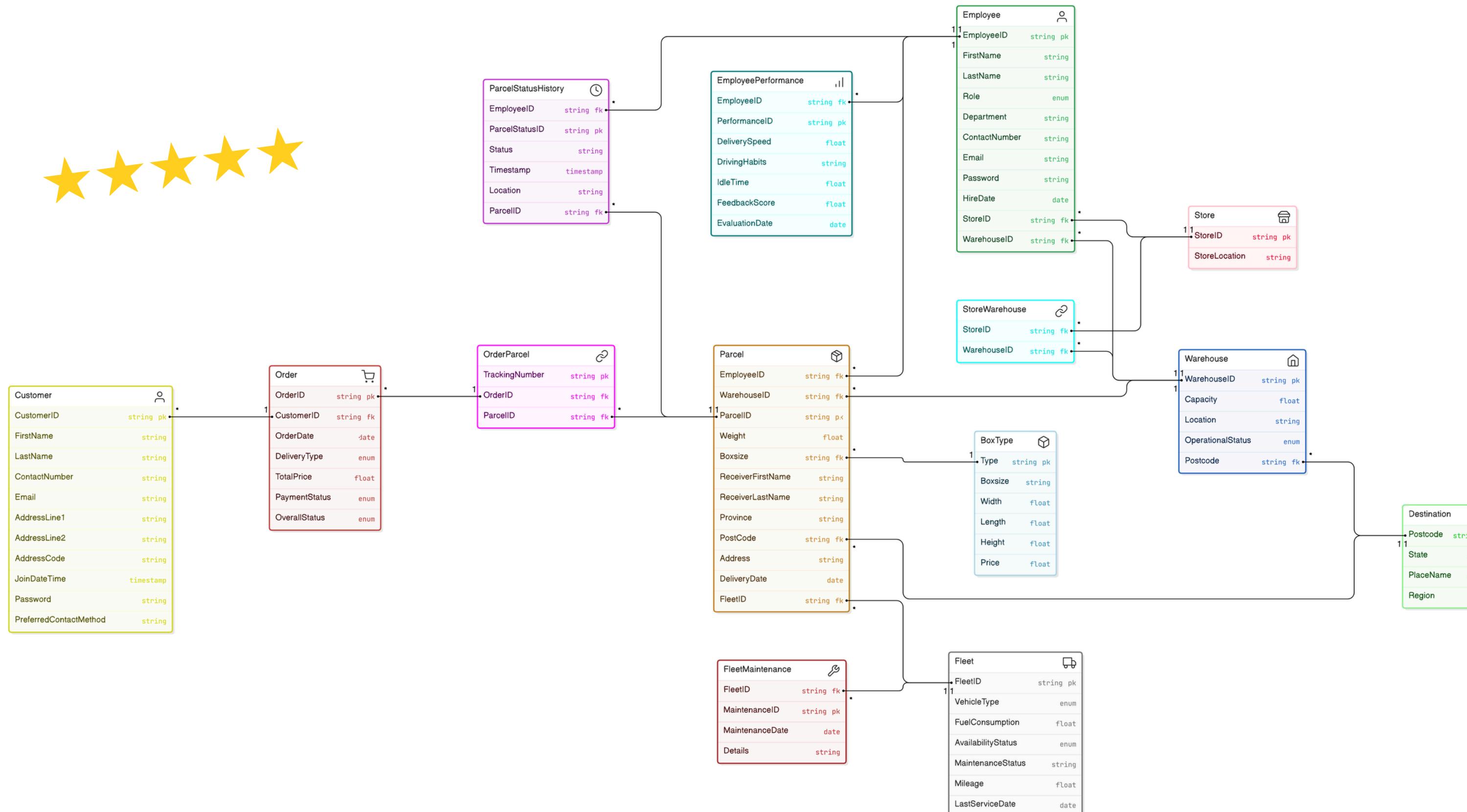
## Satisfaction

The project is expected to create **tangible and intangible value** for the company, including increased customer satisfaction, brand reputation, and employee satisfaction.

# ER Diagram



Logistics and Delivery Management System



# Roles

**CUSTOMER**



**EMPLOYEE**



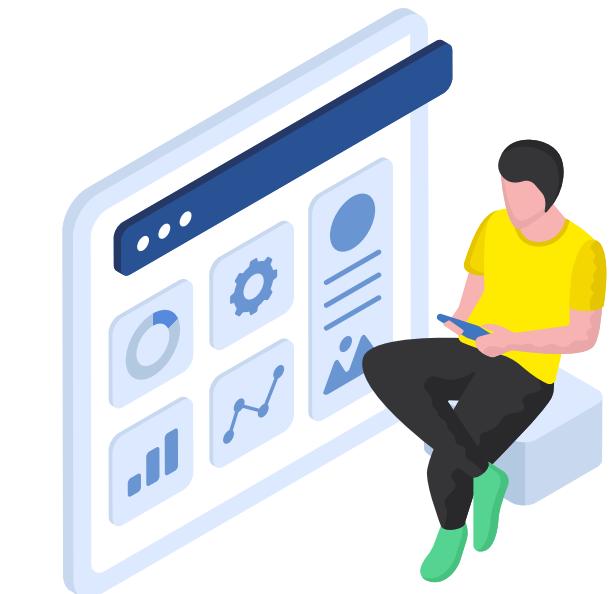
**IN-STORE**



**WAREHOUSE**



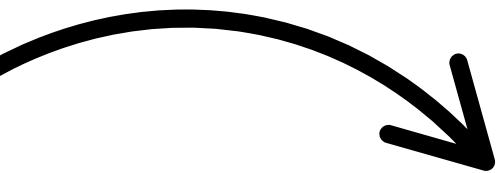
**DELIVERY MAN**



**ADMIN**

# Data Flow (input)

**CUSTOMER**



**IN STORE**

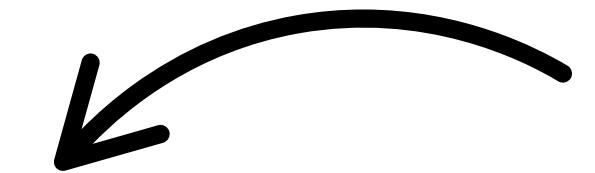


**SYSTEM**



# Data Flow (output)

**CUSTOMER**



**DELIVERY**



**SYSTEM**



# Function List

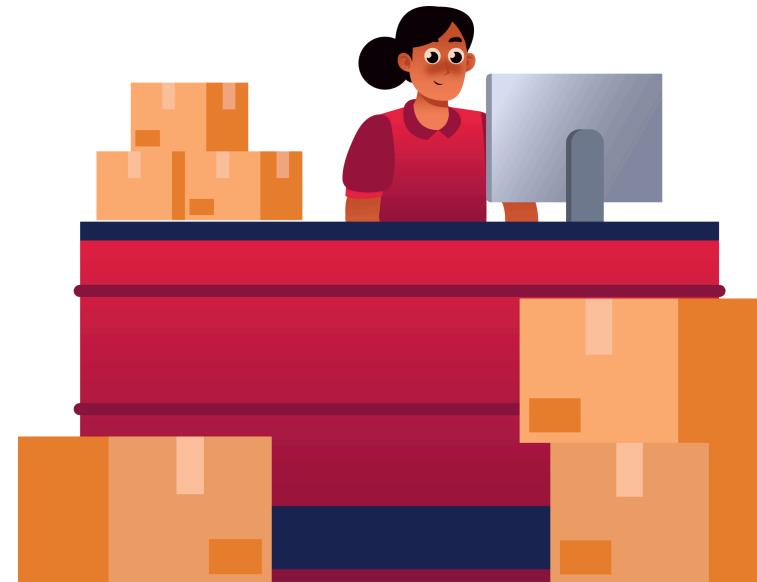


**CUSTOMER**

- check the status of parcels
- calculate shipping costs
- manage personal information,
- create and manage orders
- check order history

# Function List

## IN-STORE



- check the status of parcels
- calculate shipping costs
- manage personal information
- create and manage orders check order history

# Function List - CONT.

## WAREHOUSE



- check products in stock, and view items by warehouse.

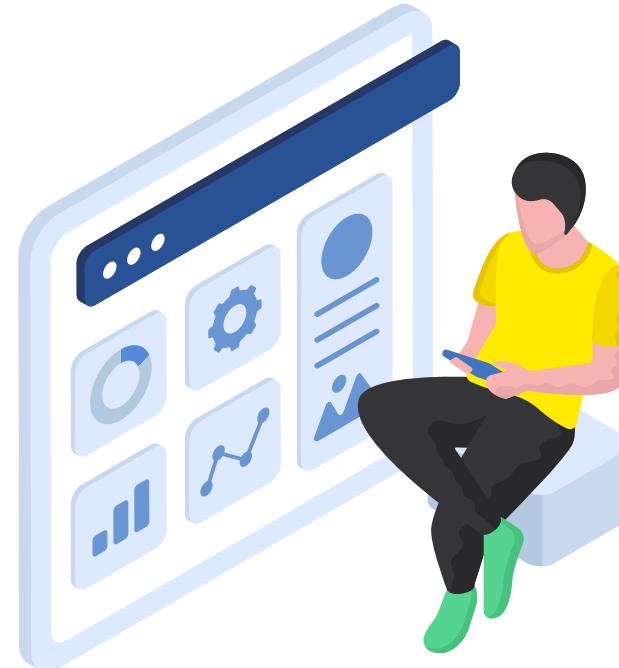
## DELIVERY MAN



- manage deliveries
- check delivery lists
- deliver parcels and confirm delivery.



# Function List - CONT.



**ADMIN**

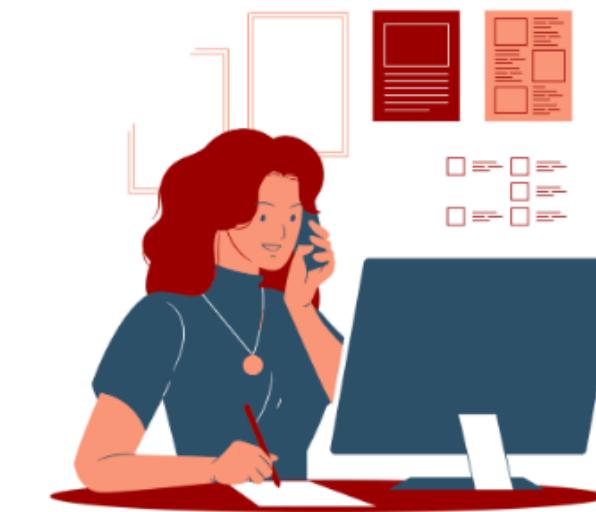
- can manage the system
- control access rights
- manage product information
- analyze data
- manage inventory
- configure system settings

# Screen Flow

Welcome to Cherry Express.



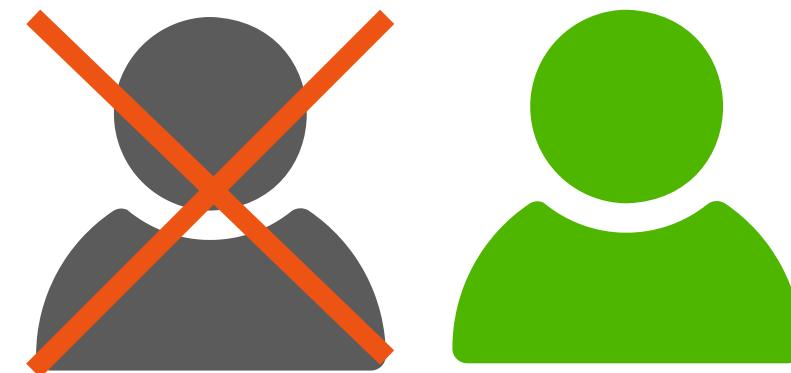
Customer



Employee

# Limitation

One user at a time



Some function not included



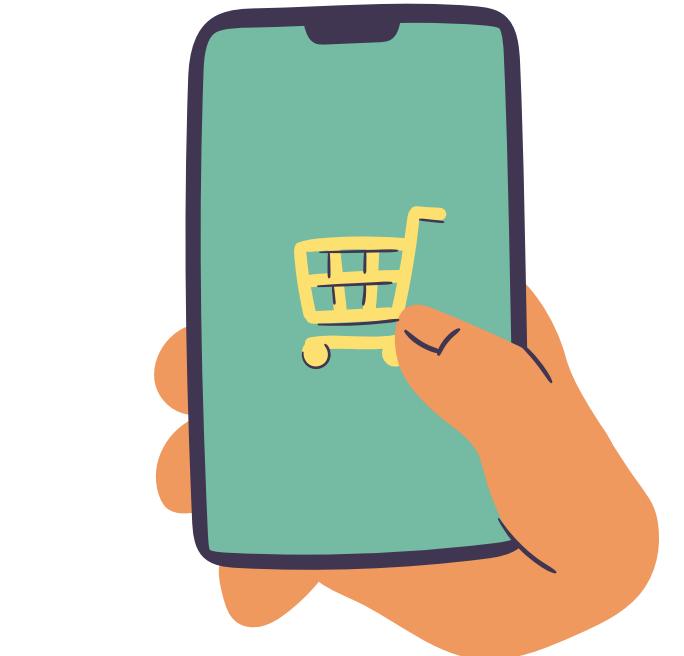
Can't configurate or add data



# Future Plan



Improving UX/UI



Mobile application



Field test



Add more QOL  
function



# Thank You

