



**BSc (Hons) in computer Science**

**GRADUATE DIPLOMA IN SOFTWARE ENGINEERING**

## **Computer Parts Shop**

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## 1) Introduction to business

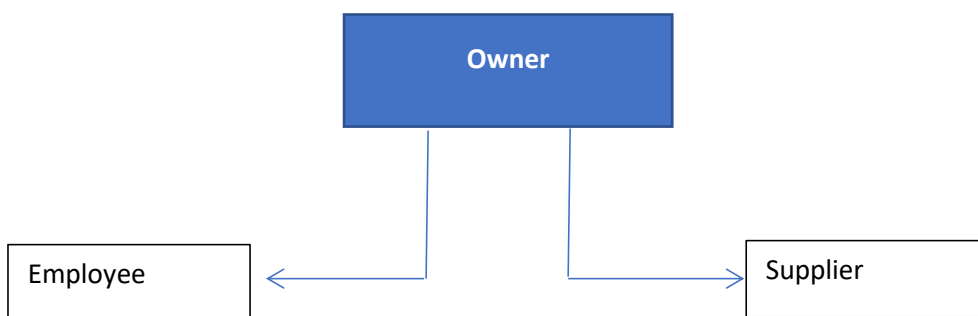
Computer parts shop business is one of the most in demand here in Matugama city. The shop has all kind of computer products. The business will be located in matugama.

- ❖ Any brand computer
- ❖ Motherboard
- ❖ Ram card
- ❖ VGA card etc.

### History

This shop is started in 2016. At that time this shop was started on a smaller scale. Firstly this shop doesn't has many computer parts.

### Employee Hierarchy



## **2) Overview of the proposed solution**

In this computer parts shop they used book record to keep the track of the inventory, but In my software solution they can easily manage their inventory.

### **Solution**

First, They need to add the stock to the database. Also they can register the customer details and bill records, Through this it is very easy to check the inventory,

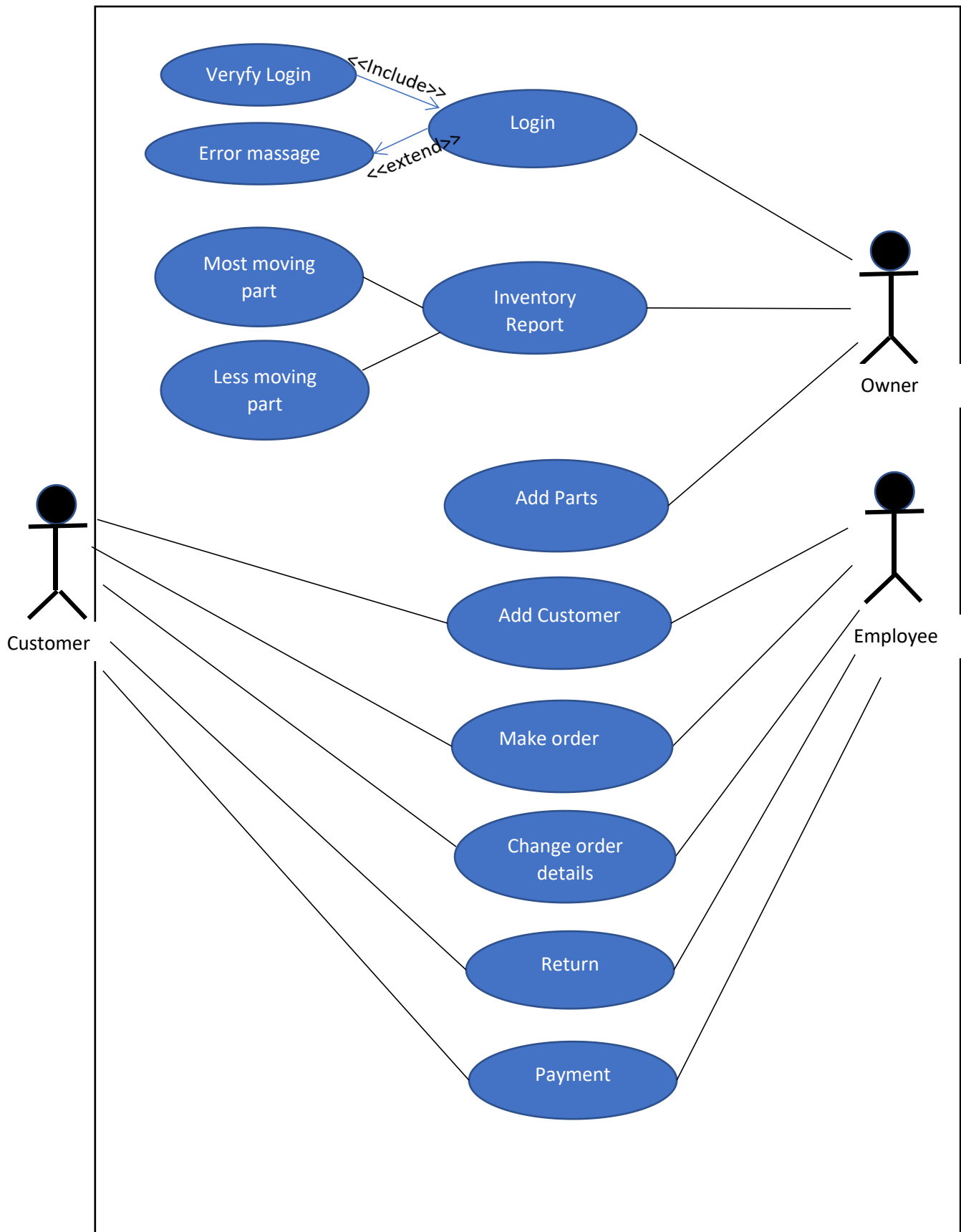
- ✓ Most moving parts
- ✓ Less moving parts
- ✓ Parts need to purchase

This is very user friendly simple solution to grow their business.

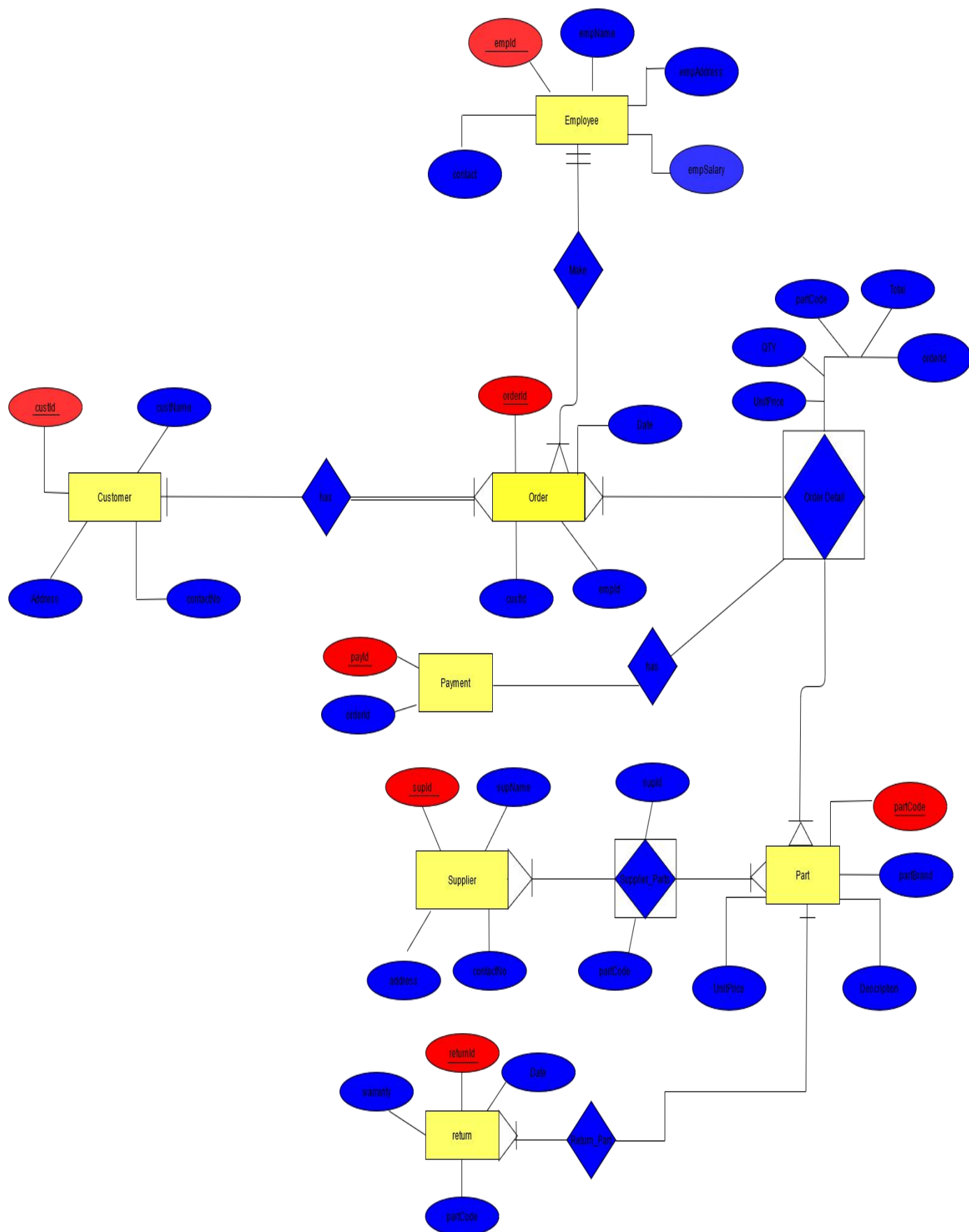
## **3) Advantages of the solution**

- Add, update, search Customer
- Add, update, search employee
- Add, update, search parts
- Customer order
- View inventory details
- View order details
- View payment details
- Supplier detail

## Use Case Diagram



## Entity Relations Diagram



## **List of Abbreviation**

Shop owner

Employee

## References

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