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## 

## BSc (Hons) in computer Science

**GRADUATE DIPLOMA IN SOFTWARE ENGINEERING**

Computer Parts Shop

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## STUDENT ID-

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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**

**Owner**

Supplier

Employee

1. **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 mange their inventory.

**Solution**

First, They need to add the stock to the database. Also they can register the customer details are billy 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.

1. **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**

<<Include>>

Veryfy Login

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Error massage

l

Login

<<extend>>>

Most moving part

Inventory Report

Owner

Less moving part

Add Parts

Add Customer

Employee

Customer

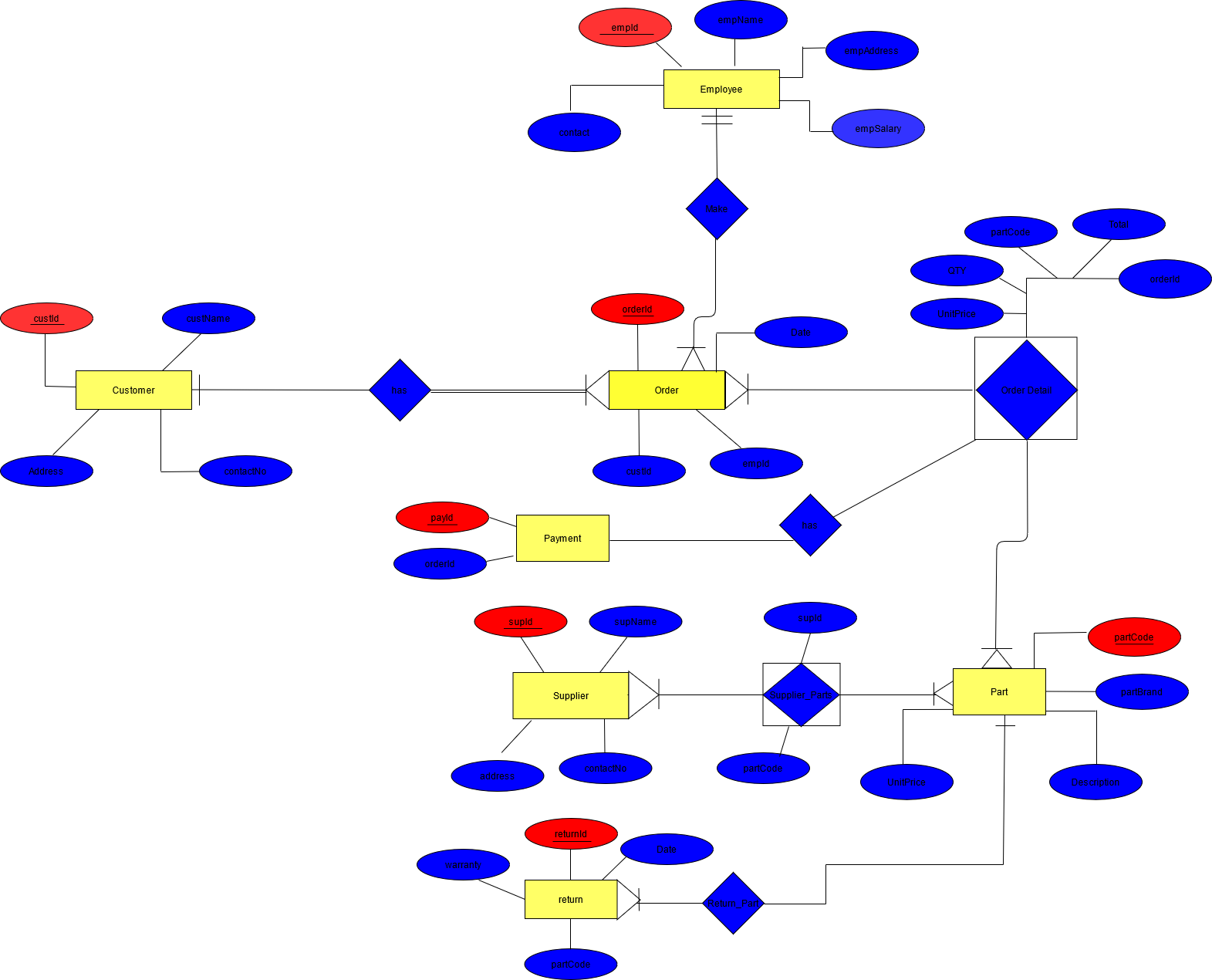
Make order

Change order details

Return

Payment

**Entity Relations Diagram**



**List of Abbreviation**

Shop owner

Employee

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