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| --- |
| Bakery Shop |
| shopName: String  yearEstablished: int |
| bakeryInfo(): void |

**1.1 – OOP Class Diagram**

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| --- |
| Customer |
| customerName: String  customerPhNumber: String  address: String  itemCode: String  quantity: int  price: double  orderMethod: int |
| customerOrder(): void  printOrderInfo(): void  totalPrice(): double  discount(): void |

|  |
| --- |
| Employee |
| employeeName: String  employeeID: int  employeeIC: long  gender: char  age: int  employeePhNum: long position: String  salary: double |
| manageEmployeeInfo(): void  printEmployeeInfo(): void |

|  |
| --- |
| Product Description |
| itemCode: String  itemCategory: String |
| bunInfo(): void  tartInfo(): void  cakeInfo: void |

|  |
| --- |
| Invetory |
| material: String  quantity: int  price: double |
| totalPurchase(): double  printInventoryInfo(): void |

|  |
| --- |
| Finance |
| income: double  inventoryPurchase: double  incidentalCharges: double  totalEmployeeSalary : double |
| totalProfit(): double |

|  |
| --- |
| Advertisment and Marketing |
| promotion: String  sales: String |
| promotionNotice(): void  juneSales(): void  socialMedia(): void |