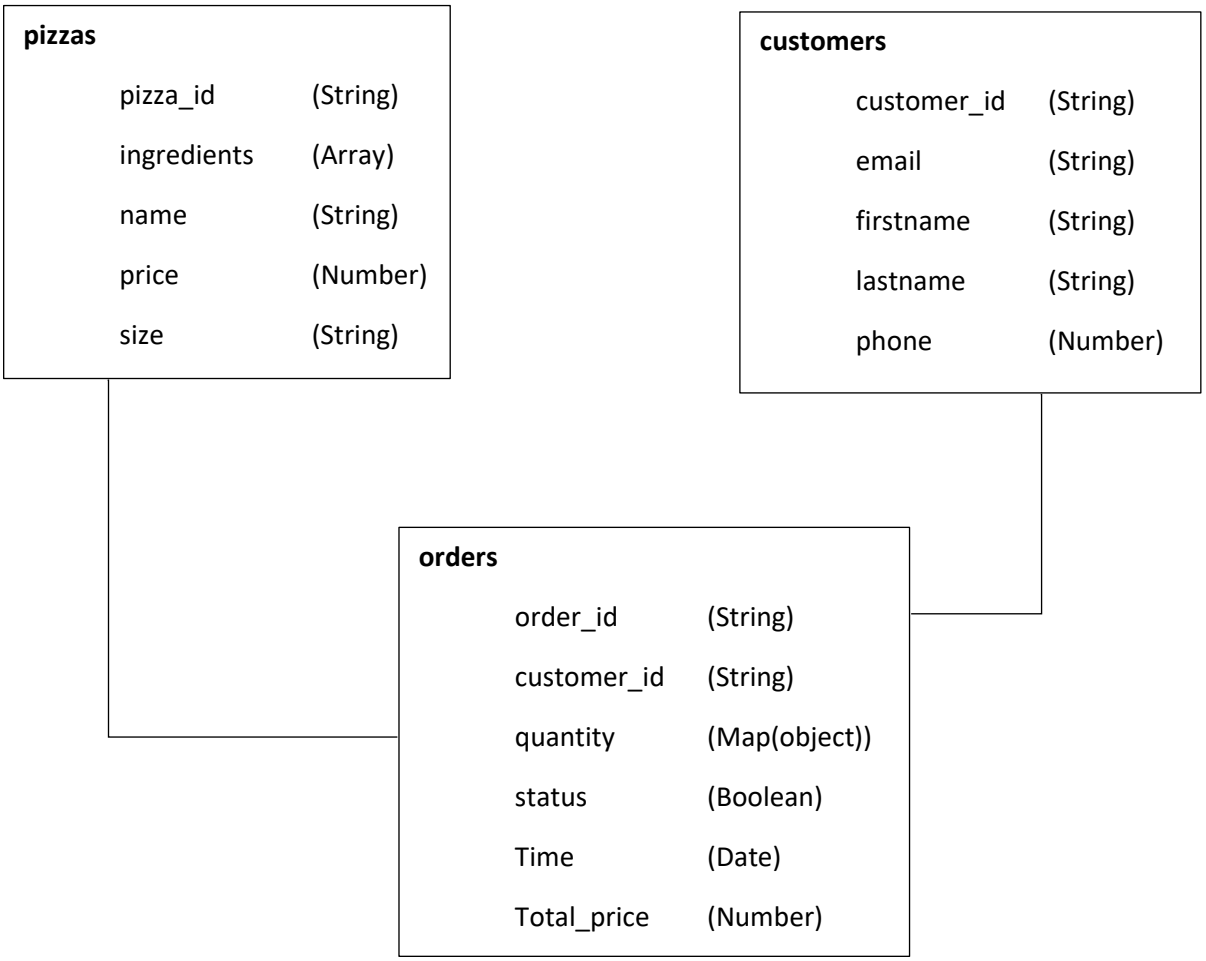
Pizza store

Pizza store เป็นการเก็บข้อมูลการสั่งซื้อพิซซ่า โดยมี ERD ข้อมูลดังนี้

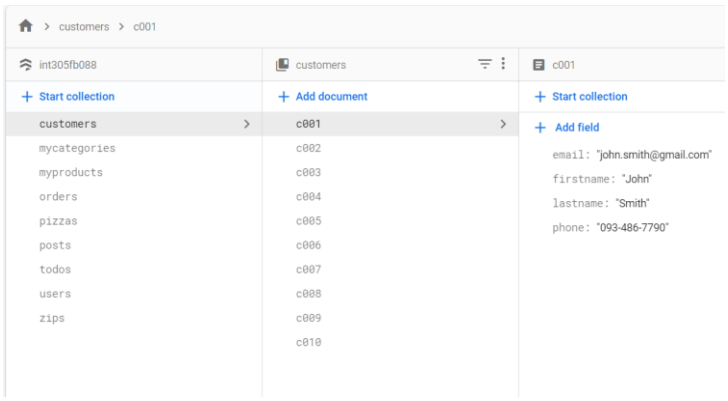


โดยใช้เป็น design pattern ที่ใช้

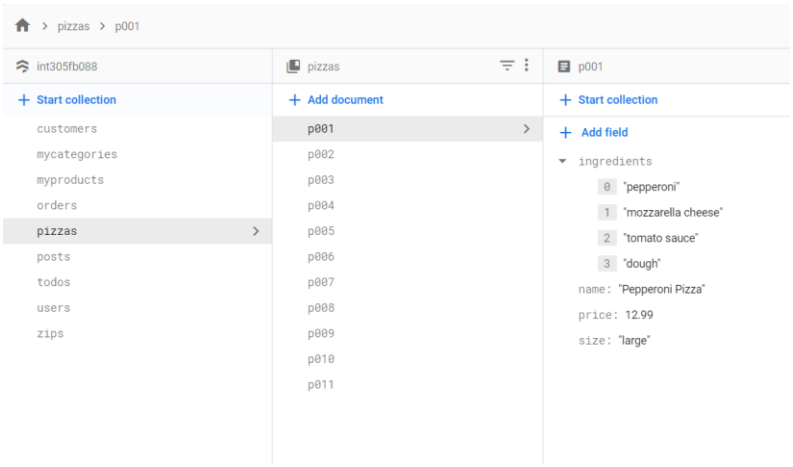
Attribute pattern: จะใช้กับ order ในส่วนของ quantity เพื่อบอกเมนูและจำนวนพิซซ่าที่สั่งซื้อในรอบบนั้น เพื่อให้ง่ายต่อการเรียกใช้งาน

ตัวอย่างข้อมูล

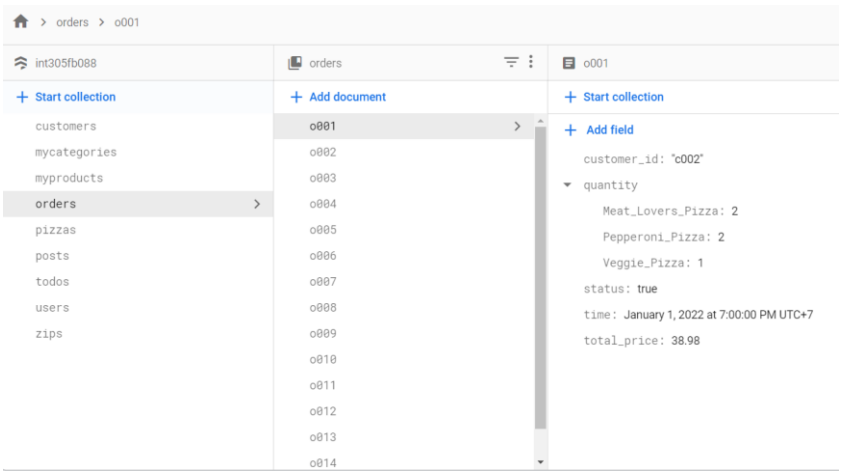
customers



pizzas



orders



10 Query :

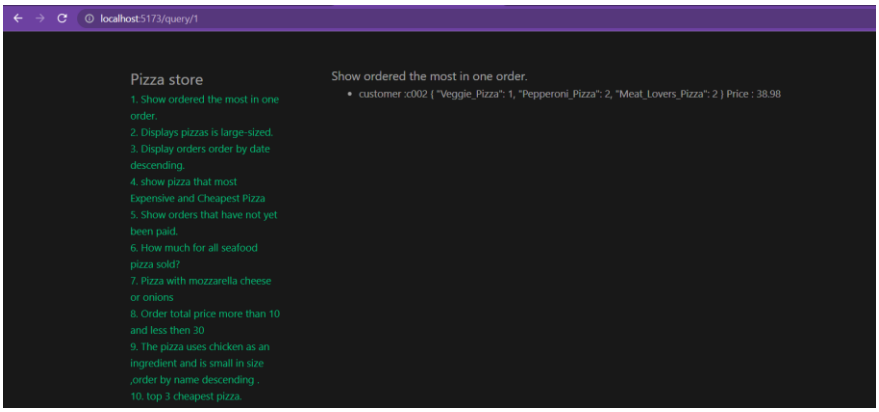
1) Show ordered the most in one order.

```
if (qryId == 1) {
  title.value = "Show ordered the most in one order.";
  let max_count = 0
  qry1 = query(ordersRefs);
  const querySnap = await getDocs(qry1);

  querySnap.forEach((doc) => {
    let data = doc.data()
    let count = 0
    for(let key in data){
      count++
    }
    if(count>max_count){
      max_count=count
      orders.value.push(doc.data())
    }

  })
  console.log(orders.value)
}
```

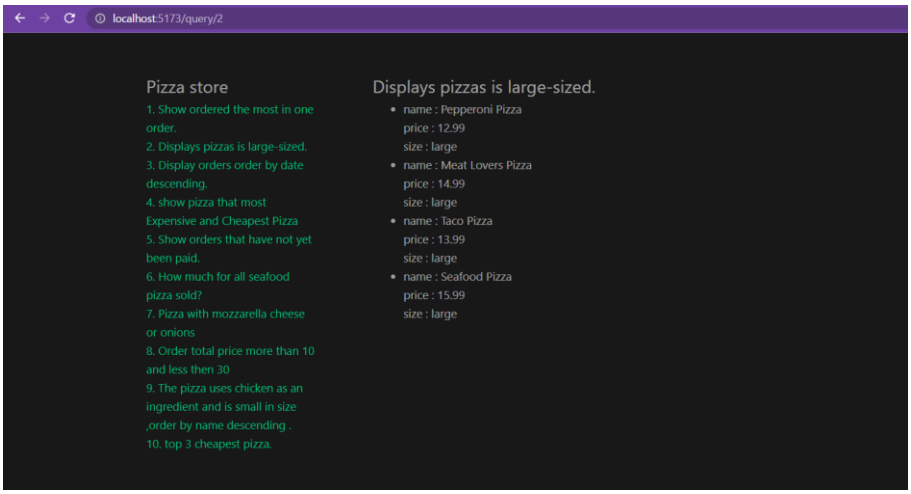
ผลลัพธ์



2) Displays pizzas is large-sized.

```
else if (qryId == 2) {
  title.value = "Displays pizzas is large-sized.";
  qry1 = query(pizzasRefs,where("size","==","large"));
  const querySnap = await getDocs(qry1);
  querySnap.forEach((doc) => {
    pizzas.value.push(doc.data())
  })
  console.log(pizzas.value)
}
```

ผลลัพธ์

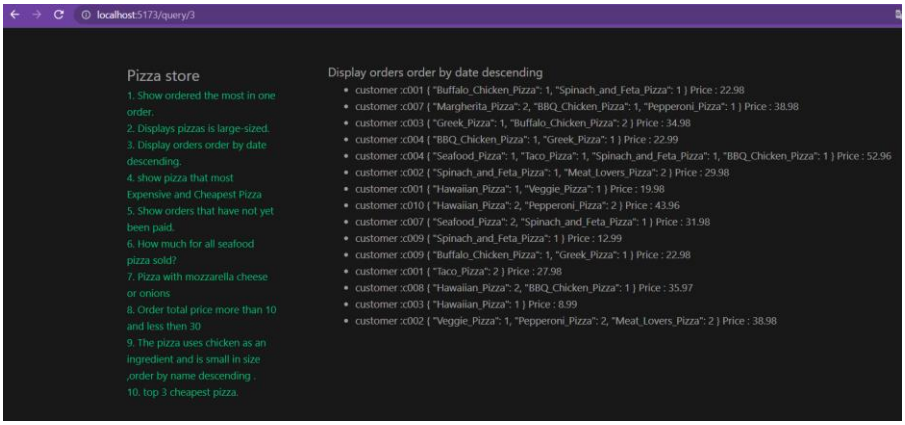


3) Display orders order by date descending.

```
else if (qryId == 3) {
  title.value = "Display orders order by date descending";
  qry1 = query(ordersRefs,orderBy("time","desc"));
  const querySnap = await getDocs(qry1);
  querySnap.forEach((doc) => {
    orders.value.push(doc.data())
  })

  console.log(orders.value)
}
```

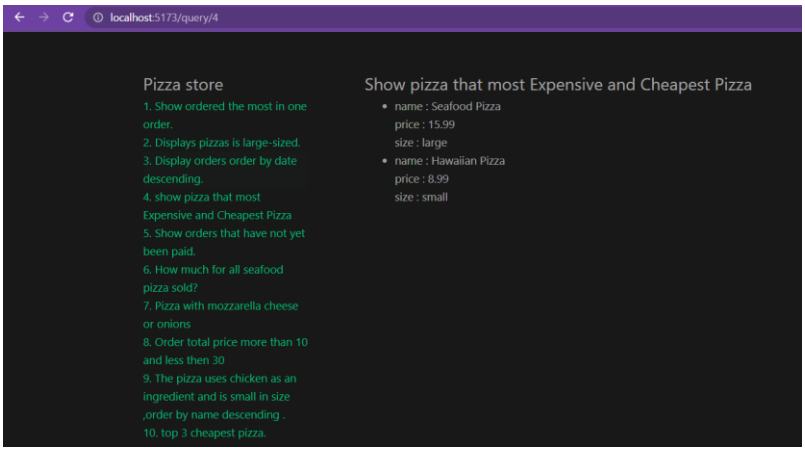
ผลลัพธ์



4) Show pizza that most Expensive and Cheapest Pizza

```
else if(qryId == 4){
  title.value = "Show pizza that most Expensive and Cheapest Pizza"
  qry1 = query(pizzasRefs,orderBy("price","desc"),limit(1))
  qry2 = query(pizzasRefs,orderBy("price"),limit(1))
  const querySnap1 = await getDocs(qry1)
  const querySnap2 = await getDocs(qry2)
  querySnap1.forEach((doc) => {
    pizzas.value.push(doc.data())
  })
  querySnap2.forEach((doc) => {
    pizzas.value.push(doc.data())
  })
  console.log(pizzas.value)
}
```

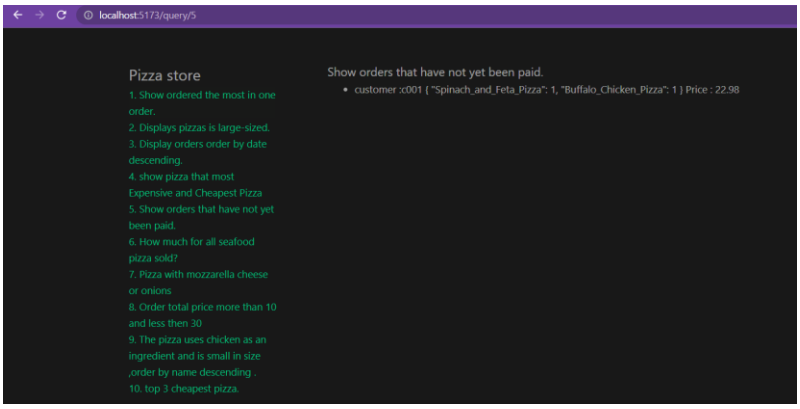
ผลลัพธ์



5) Show orders that have not yet been paid.

```
else if(qryId == 5){
  title.value = "Show orders that have not yet been paid."
  qry1 = query(ordersRefs, where("status","==",false))
  const querySnap1 = await getDocs(qry1);
  querySnap1.forEach((doc) => {
    orders.value.push(doc.data())
  })
  console.log(orders.value)
}
```

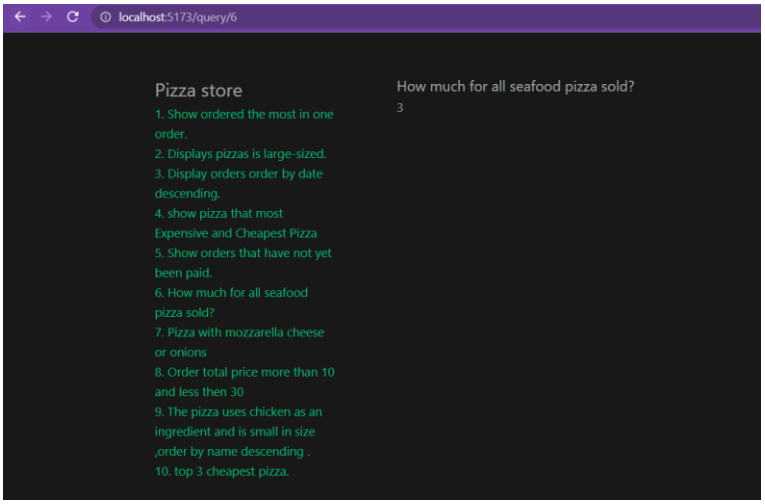
ผลลัพธ์



6) How much for all seafood pizza sold?

```
else if(qryId == 6){
  title.value = "How much for all seafood pizza sold?";
  const querySnap = await getDocs(ordersRefs);
  querySnap.forEach((doc) => {
    let data = doc.data()
    // console.log(data.quantity.Seafood_Pizza )
    counts.value = counts.value + (data.quantity.Seafood_Pizza == undefined ? 0:data.quantity.Seafood_Pizza)
  })
  console.log(counts.value)
}
```

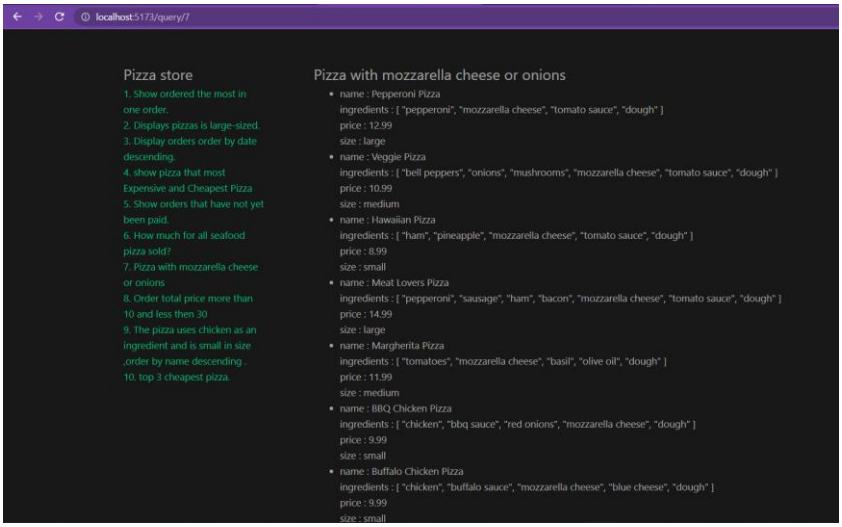
ผลลัพธ์



7) Pizza with mozzarella cheese or onions

```
else if(qryId==7){
  title.value = "Pizza with mozzarella cheese or onions"
  qry1 = query(pizzasRefs, where("ingredients","array-contains-any",["onions","mozzarella cheese"]))
  const querySnap = await getDocs(qry1);
  querySnap.forEach((doc) => {
    pizzas.value.push(doc.data())
  })
  ingredients.value=true
  console.log(pizzas.value)
}
```

ผลลัพธ์



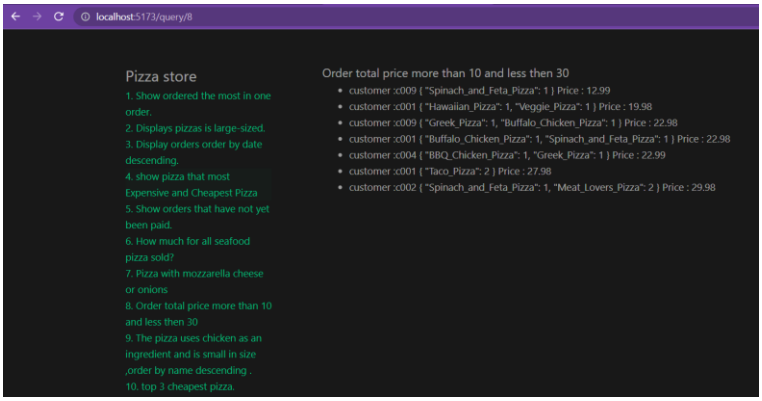
8) Order total price more than 10 and less then 30

```
else if(qryId==8){
  title.value = "Order total price more than 10 and less then 30 "
  qry1 = query(ordersRefs, where("total_price", ">=", 10),where("total_price", "<=", 30) )

  const querySnap = await getDocs(qry1)
  querySnap.forEach((doc) => {
    orders.value.push(doc.data())
  })

  console.log(orders.value)
}
```

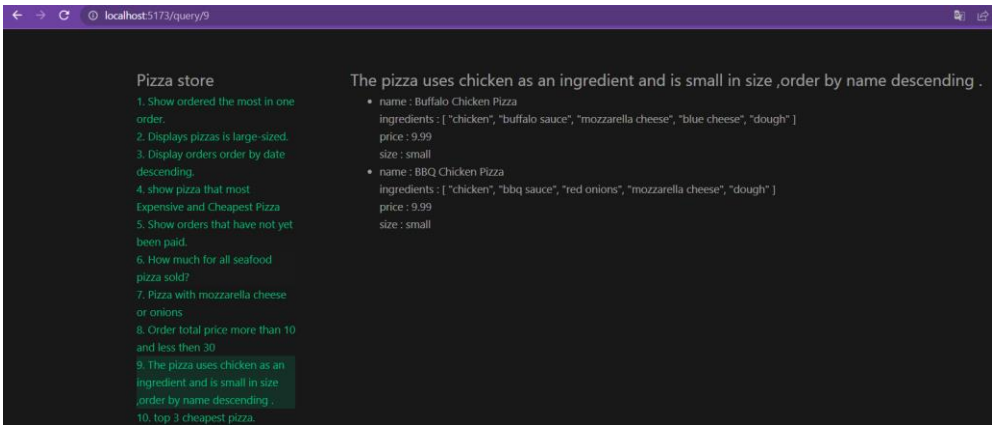
ผลลัพธ์



9) The pizza uses chicken as an ingredient and is small in size ,order by name descending.

```
else if(qryId==9){
  title.value = "The pizza uses chicken as an ingredient and is small in size ,order by name descending ."
   qry1 = query(pizzasRefs, where("ingredients", "array-contains", "chicken"),where("size","==","small"),orderBy("name","desc"))
   const querySnap = await getDocs(qry1)
  querySnap.forEach((doc) => {
    pizzas.value.push(doc.data())
  })
  console.log(pizzas.value)
  ingredients.value=true
}
```

ผลลัพธ์



10) top 3 cheapest pizza.

```
else if(qryId==10){
  title.value = "top 3 cheapest pizza"
  qry1 = query(pizzasRefs, orderBy("price", "desc"), limit(3))
  const querySnap = await getDocs(qry1);
  querySnap.forEach((doc) => {
    pizzas.value.push(doc.data())
  })
  console.log(pizzas.value)
}
```

ผลลัพธ์