

Denormalized MongoDB Document (Embedding Design Technique)

```
{ "CustomerID" : 11100,  
  "LastName" : "Navarro",  
  "FirstName" : "Latasha",  
  "Email" : "latasha10@adventure-works.com",  
  "AccountNumber" : "AW00011100",  
  "Orders" :  
    [ { "OrderID" : 54928, "OrderDate" : "2007-09-24", "TotalDue" : 2651.41,  
        "Items" : [  
          { "Name" : "Mountain-200 Silver, 42", "OrderQty" : 1, "UnitPrice" : 2319.99 },  
          { "Name" : "Half-Finger Gloves, M", "OrderQty" : 1, "UnitPrice" : 24.49 },  
          { "Name" : "Hydration Pack - 70 oz.", "OrderQty" : 1, "UnitPrice" : 54.99 }  
        ] } ]  
}
```

Create Separate Order Item Document

```
{"OrderID" : 54928,  
  "Name" : "Mountain-200 Silver, 42",  
  "OrderQty" : 1,  
  "UnitPrice" : 2319.99}
```

```
{ "_id": {  
    "$oid": "5b6a24aae7179a191438e3f2"  
  } }
```

Create Separate Order Item Document

```
{ "OrderID" : 54928,  
  "Name" : "Half-Finger Gloves, M",  
  "OrderQty" : 1,  
  "UnitPrice" : 24.49 }
```

```
{  
  "_id": {  
    "$oid": "5b6a267de7179a191438e44e"  
  }  
}
```

Create Separate Order Item Document

```
{ "OrderID" : 54928,  
  "Name" : "Hydration Pack - 70 oz.",  
  "OrderQty" : 1,  
  "UnitPrice" : 54.99 }
```

```
{  
  "_id": {  
    "$oid": "5b6a27e3e7179a191438e496"  
  }  
}
```

Normalized MongoDB Document (Referencing Design Technique)

```
{
  "_id": {
    "$oid": "5b6a2d31e7179a191438e65e"
  },
  "CustomerID": 11100,
  "LastName": "Navarro",
  "FirstName": "Latasha",
  "Email": "latasha10@adventure-works.com",
  "AccountNumber": "AW00011100",
  "Orders": [
    {
      "OrderID": 54928,
      "OrderDate": "2007-09-24",
      "TotalDue": 2651.41,
      "Items": [
        {
          "_id": {
            "$oid": "5b6a24aae7179a191438e3f2"
          }
        },
        {
          "_id": {
            "$oid": "5b6a267de7179a191438e44e"
          }
        },
        {
          "_id": {
            "$oid": "5b6a27e3e7179a191438e496"
          }
        }
      ]
    }
  ]
}
```