|  |  |
| --- | --- |
| **Lab** | Lab 4 |
| **Student** | Vinh Phuc Hua - 612392 |
| **Professor** | Rene de Jong |

**Part 3.**

**1. Draw the tables including data that you need to store this order in a relational database**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Order** | | | | |
| OrderNumber | OrderDate | CustomerName | CustomerEmail | CustomerPhone |
| 122435 | 11/9/2021 | Frank Brown | [fbrown@gmail.com](mailto:fbrown@gmail.com) | 623156543 |

|  |  |
| --- | --- |
| **Order\_Products** | |
| OrderNumber | ProductNumber |
| 122435 | A546 |
| 122435 | S333 |

|  |  |  |  |
| --- | --- | --- | --- |
| **Product** | | | |
| ProductNumber | ProductName | Quantity | Price |
| A546 | IPhone 12 | 2 | 980.00 |
| S333 | Samsung Galaxy 12S | 4 | 800.00 |

**2. Draw the collections including data that you need to store this order in a mongo database**

{

orderNumber : 122435,

orderDate : "11/09/2021",

customerName : "Frank Brown",

customerEmail : "fbrown@gmail.com",

customerPhone : "623156543",

totalPrice : 5160.00,

products: [{

productNumber : "A546",

productName : "IPhone 12",

quantity : 2,

price : 980.00

},{

productNumber : "S333",

productName : "Samsung Galaxy 12S",

quantity : 4,

price : 980.00

}]

}

**3. Draw the tables including data that you need to store this order in a cassandra database**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **OrderNumber** | **OrderDate** | **ProductNumber** | **CustomerName** | **CustomerEmail** | **CustomerPhone** | **ProductName** | **Quantity** | **Price** |
| 122435 | 11/9/2021 | A546 | Frank Brown | [fbrown@gmail.com](mailto:fbrown@gmail.com) | 623156543 | IPhone 12 | 2 | 980.00 |
| 122435 | 11/9/2021 | S333 | Frank Brown | [fbrown@gmail.com](mailto:fbrown@gmail.com) | 623156543 | Samsung Galaxy 12S | 4 | 800.00 |

**4. Draw the database structure including data that you need to store this order in a neo4j database**

