**Exp 3: Represent all entities and relationships in a tabular fashion.(Relational Model)**

Order:

|  |  |  |
| --- | --- | --- |
| **Column Name** | **DataType** | **Constraint** |
| Order Number | INT | Primary key |
| Order Date | Date | Not Null |
| Order Payment | INT | Not Null |
| Order Shipping Address | Varchar(250) | Not Null |

Customer:

|  |  |  |
| --- | --- | --- |
| **Column Name** | **DataType** | **Constraint** |
| Customer Number | INT | Primary key |
| Customer Name | Varchar(25) | Not Null |
| Customer Address | Varchar(300) | Not Null |

Product:

|  |  |  |
| --- | --- | --- |
| **Column Name** | **DataType** | **Constraint** |
| Product Number | INT | Primary Key |
| Product Type | Varchar(20) | Not Null |
| Product Price | INT | Not Null |
| Product Name | Varchar(50) | Not Null |

Order Item:

|  |  |  |
| --- | --- | --- |
| **Column Name** | **DataType** | **Constraint** |
| Discount | INT |  |
| Price | INT | Not Null |
| Special Options | Varchar(10) |  |
| Quantity | INT | Not Null |
| Item line Number | INT |  |