Assignment 2

# Part A

## High level data model



## Data Dictionary

|  |  |  |
| --- | --- | --- |
| Supplier | | |
| <<PK>> | SupplierID | Number { SupplierID > 1 } |
|  | CompanyName | Character {size = 40} |
|  | ContactName | Character {size = 30} |
|  | ContactTitle | Character {size = 30} |
|  | Address | Character {size = 60} |
|  | City | Character {size = 15} |
|  | Region | Character {size = 15} |
|  | PostalCode | Character {size = 10} |
|  | Country | Character {size = 15} |
|  | Phone | Character {size = 24} |
|  | Fax | Character {size = 24} |
|  | HomePage | Character {size = 100} |

|  |  |  |
| --- | --- | --- |
| Products | | |
| <<PK>> | ProductID | Number { ProductID > 1} |
|  | ProductName | Character {size = 40} |
| <<FK>> | SuppliedID | Numeric { References Suppliers.SupplierID } |
| <<FK>> | CategoryID | Numeric { References Categories.CategoryID } |
|  | QuantityPerUnit | Character {size = 20} |
|  | UnitPrice | Money |
|  | UnitsInStock | Numeric { UnitsInStock > 1 and UnitsInStock < 255 } |
|  | UnitsOnOrder | Numeric { UnitsOnOrder > 1 and UnitsOnOrder < 255 } |
|  | ReorderLevel | Numeric { ReorderLevel > 1 and ReorderLevel < 255 } |
|  | Discontinued | Boolean |

|  |  |  |
| --- | --- | --- |
| Products | | |
| <<PK>> | ProductID | Number { ProductID > 1} |
|  | ProductName | Character {size = 40} |
| <<FK>> | SuppliedID | Numeric { References Suppliers.SupplierID } |
| <<FK>> | CategoryID | Numeric { References Categories.CategoryID } |
|  | QuantityPerUnit | Character {size = 20} |
|  | UnitPrice | Money |
|  | UnitsInStock | Numeric { UnitsInStock > 1 and UnitsInStock < 255 } |
|  | UnitsOnOrder | Numeric { UnitsOnOrder > 1 and UnitsOnOrder < 255 } |
|  | ReorderLevel | Numeric { ReorderLevel > 1 and ReorderLevel < 255 } |
|  | Discontinued | Boolean |