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| ***Database File*** | Website.mdb | ***Table Name*** | tblCustomers | ***(Composite)Key Field*** | userId |

**Related to:**

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| --- | --- | --- | --- |
| ***Table Name*** | ***Foreign Key*** | ***Table Name*** | ***Foreign Key*** |
| tbl |  | tbl |  |
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| **General table description: table that stores all the information about a user or customer** |
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| ***Field Name*** | ***R*** | ***I*** | ***Data Type*** | ***Length*** | ***Input Mask/Validation Rule*** | ***Default Value*** | ***Description*** | ***Typical Data*** |
| Email | Y |  | ShortText | 25 |  |  | Field to uniquely identify a user via their email address | email@hotmail.co.uk |
| LastName | Y |  | ShortText | 20 |  |  | Stores the customers Last name | Mcmullan |
| FirstName | Y |  | ShortText | 20 |  |  | Stores the customers First name | Jim |
| Address | Y |  | ShortText | 40 |  |  | Stores the customers address | 42 Milfield Road |
| City | Y |  | ShortText | 30 |  |  | Stores the customers City | Belfast |
| PostCode | Y |  | ShortText | 9 |  |  | Stores the customers Postcode | BT60HY |
| PhoneNumber | Y |  | ShortText | 20 |  |  | Stores the customers phone number | 07714673209 |
| Pwd | Y |  | ShortText | 30 |  |  | Stores the customers password | Password |

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| **Key:** | **R=Required** | Y | (Yes) | N | (No) |  |  | |
|  | **I=Indexed** |  | Not Indexed | X | No Duplicates |  | Duplicates OK |

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| ***Database File*** | Website.mdb | ***Table Name*** | tblProducts | ***(Composite)Key Field*** | productId |

**Related to:**

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| ***Table Name*** | ***Foreign Key*** | ***Table Name*** | ***Foreign Key*** |
| tblCategory | CategoryID |  |  |
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| **General table description: table that stores all the information about a product** |
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| ***Field Name*** | ***R*** | ***I*** | ***Data Type*** | ***Length*** | ***Input Mask/Validation Rule*** | ***Default Value*** | ***Description*** | ***Typical Data*** |
| ProductId | Y |  | ShortText | 7 |  |  | Field to uniquely identify a product | CHAM001 |
| ProductName |  |  | ShortText | 30 |  |  | Field that stores the products name | MonoPro Coilovers |
| ProductDesc |  |  | ShortText | 100 |  |  | Field which stores a description of a product | Cobra LeMans |
| UnitPrice |  |  | Currency |  |  |  | Stores the price of a given product if it were to be ordered in | £249.99 |
| RetailPrice |  |  | Currency |  |  |  | Stores the price of a given product for sale | £300.00 |
| ImageFile |  |  | Short Text | 60 |  |  | Stores the path to a given image file | ~/images/categories/coilovers/1.jpg |
| inStock |  |  | Number | Long Integer |  |  | Stores the stock level of the product | 4 |
| ReOrderLevel |  |  | Number | Long Integer |  |  | Stores the re order level of the product | 30 |
| CategoryID |  |  | Number | Long Integer |  |  | Stores the unique identifier for the category the product is under | 1 |

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| **Key:** | **R=Required** | Y | (Yes) | N | (No) |  |  | |
|  | **I=Indexed** |  | Not Indexed | X | No Duplicates |  | Duplicates OK |
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| ***Database File*** | Website.mdb | ***Table Name*** | tblOrderItems | ***(Composite)Key Field*** | InvoiceNumber, ProductId |

**Related to:**

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| ***Table Name*** | ***Foreign Key*** | ***Table Name*** | ***Foreign Key*** |
| tblInvoice | InvoiceNumber | tblProductID | productId |
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| **General table description: table that stores all the information about a user’s order** |
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| ***Field Name*** | ***R*** | ***I*** | ***Data Type*** | ***Length*** | ***Input Mask/Validation Rule*** | ***Default Value*** | ***Description*** | ***Typical Data*** |
| InvoiceNumber | Y | Y | Number | Long Integer |  |  | Field to identify each invoice | 1 |
| ProductId | Y | Y | Short Text | 10 |  |  | Field to uniquely identify a product | 5 |
| UnitPricePrice | Y |  | Currency |  |  |  | Price of each product | £23.00 |
| Quantity | Y |  | Number | Long Integer |  |  | Number of products in the order | 6 |
| lineTotal | Y |  | Currency |  |  |  | Holds the total cost of the transaction | £23.00 |
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| **Key:** | **R=Required** | Y | (Yes) | N | (No) |  |  | |
|  | **I=Indexed** |  | Not Indexed | X | No Duplicates |  | Duplicates OK |

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| ***Database File*** | Website.mdb | ***Table Name*** | tblCateogories | ***(Composite)Key Field*** | categoryId |

**Related to:**

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| ***Table Name*** | ***Foreign Key*** | ***Table Name*** | ***Foreign Key*** |
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| **General table description: table that stores all the information about a category** |
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| ***Field Name*** | ***R*** | ***I*** | ***Data Type*** | ***Length*** | ***Input Mask/Validation Rule*** | ***Default Value*** | ***Description*** | ***Typical Data*** |
| CategoryID | Y |  | AutoNumber | Long Integer |  |  | shows which category the product is in | 1 |
| CategoryName |  |  | Short Text | 40 |  |  | The name of what each category is | coilovers |
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| **Key:** | **R=Required** | Y | (Yes) | N | (No) |  |  | |
|  | **I=Indexed** |  | Not Indexed | X | No Duplicates |  | Duplicates OK |
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| ***Database File*** | Website.mdb | ***Table Name*** | tblInvoice | ***(Composite)Key Field*** | invoiceId |

**Related to:**

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| ***Table Name*** | ***Foreign Key*** | ***Table Name*** | ***Foreign Key*** |
| tblCustomers | CustEmail |  |  |
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| **General table description: table that stores all the information about a user’s order** |
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| ***Field Name*** | ***R*** | ***I*** | ***Data Type*** | ***Length*** | ***Input Mask/Validation Rule*** | ***Default Value*** | ***Description*** | ***Typical Data*** |
| InvoiceNumber | Y |  | AutoNumber | Log Integer |  |  | Field to identify each invoice | 1 |
| CustEmail | Y |  | Short Text | 25 |  |  | Field to uniquely identify a user | 5 |
| OrderDate | Y |  | Date/Time |  |  |  | Date each invoice was created | 22/11/2016 |
| subTotal | Y |  | Currency |  |  |  | The total of each invoice before shipping is added | £23.99 |
| shipMethod | Y |  | Short Text | 50 |  |  | Description of how each item is being shipped | 2 day delivery |
| shippingCost | Y |  | Currency |  |  |  | Cost of shipping | £2.99 |
| Total | Y |  | Currency |  |  |  | Total cost of shipping and order | £26.98 |
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| **Key:** | **R=Required** | Y | (Yes) | N | (No) |  |  | |
|  | **I=Indexed** |  | Not Indexed | X | No Duplicates |  | Duplicates OK |

BOYCE CODD

tblCustomers – Email(PK), LastName, FirstName, Address, City, PostCode, PhoneNumber, pwd

tblProducts – ProductID(PK), ProductName, ProductDesc, UnitPrce, RetailPrice, ImageFile, inStock, ReOrderLevel, CategoryId(FK)

tblOrderItems – InvoiceNumber(PK)(FK), ProductID(PK)(FK), UnitPrice, Quantity, LineTotal

tblCategories– CategoryID(PK), CategoryName

tblInvoices – InvoiceNumber(PK), CustEmail(FK), OrderDate, Subtotal, ShipMethod, Shipping, Total