**Table and Attribute Summaries (Version 1.2)**

**Based on: Logical Schema Version 1.2**

**Change Summary:** Original heading information has been fixed, identifying information is now located inly in the header. EmpID, and OrderID have been changed to SERIAL from INT. Department Varchar has been fixed to show Varchar(50). Descriptions on the use case of each table has been added. Removed State from Orders as it is not needed.

**Employee Summary:** This table holds all employee information.

|  |  |
| --- | --- |
| Table | Employee |
| Source | Market Database |
| Primary Keys | EmpID |
| Foreign Keys |  |
| Unique Constraints |  |

Attributes

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field | DataType | Range | Required | Derived/Stored |
| EmpID | SERIAL |  | Yes | Stored |
| Name | Varchar(50) |  | Yes | Stored |
| Street | Varchar(25) |  | Yes | Stored |
| City | Varchar(25) |  | Yes | Stored |
| Zip | Varchar(10) |  | Yes | Stored |
| State | Char(2) |  | Yes | Stored |

**Department Summary:** This table hold the department name and the manager who runs the department

|  |  |
| --- | --- |
| Table | Department |
| Source | Market Database |
| Primary Keys | Name |
| Foreign Keys | Manager references Employee |
| Unique Constraints |  |

Attributes

Attributes

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field | DataType | Range | Required | Derived/Stored |
| Name | Varchar(50) |  | Yes | Stored |
| Manager | SERIAL |  | Yes | Stored |

**Inventory Summary:**  This table holds product information (Price and Vendor)

|  |  |
| --- | --- |
| Table | Inventory |
| Source | Market Database |
| Primary Keys | ItemName, VendorName |
| Foreign Keys | VendorName references Vendor |
| Unique Constraints |  |

Attributes

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field | DataType | Range | Required | Derived/Stored |
| ItemName | Varchar(25) |  | Yes | Stored |
| VendorName | Varchar(50) |  | Yes | Stored |
| Price | Float |  | Yes | Stored |

**Vendor Summary:** This table holds vendor information, Phone number is the phone number provided by the vendor for sending a purchase order.

|  |  |
| --- | --- |
| Table | Vendor |
| Source | Market Database |
| Primary Keys | Name |
| Foreign Keys |  |
| Unique Constraints |  |

Attributes

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field | DataType | Range | Required | Derived/Stored |
| Name | Varchar(50) |  | Yes | Stored |
| Phone | Varchar(14) |  | Yes | Stored |

**Order Summary:** This table holds general order information,

|  |  |
| --- | --- |
| Table | Order |
| Source | Market Database |
| Primary Keys | OrderID |
| Foreign Keys | Manager references Employee |
| Unique Constraints |  |

Attributes

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field | DataType | Range | Required | Derived/Stored |
| OrderID | SERIAL |  | Yes | Stored |
| Manager | Int |  | Yes | Stored |
| OrderDate | Date |  | Yes | Stored |

**OrderDetail Summary:** This table holds all order detail data, such as how much of an item was purchased and the price the item quantity was at the time.

|  |  |
| --- | --- |
| Table | OrderDetail |
| Source | Market Database |
| Primary Keys | OrderID, ItemName |
| Foreign Keys | OrderID references Order ItemName references Inventory |
| Unique Constraints |  |

Attributes

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field | DataType | Range | Required | Derived/Stored |
| OrderID | SERIAL |  | Yes | Stored |
| ItemName | Varchar(25) |  | Yes | Stored |
| Quantity | Int |  | Yes | Stored |
| Price | Float |  | Yes | Derived |