**Entity Description Document**

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| **Entity** | **Description** | **Aliases** | **Occurrences** |
| Customer | A general term describing all the customers of Dark Springs Bottled Water Company | Customer, placedBy, returnedBy | Each customer has only one location. Each customer signs a one-year contract before placing an order. Each customer can place an order and return an entire order. |
| Location | A general term describing the location of one customer. | Location | Each location belongs to one route only. |
| Employee | A general term describing all the employees of the Dark Spring Bottled Water Company | Employee | Each employee can have only one specific role. There is no overlapping of roles. |
| Driver | A term describing a special type of employee | Driver | A driver is assigned one route only. |
| Contract | A general term describing the contract signed by all customers of the Dark Spring Bottled Water Company | Contract | Each order belongs to one contract and the customer needs to sign a contract before placing an order. A contract is for one-year and if updated the new dates are updated in the same record. |
| Route | A general term to describe a route for the delivery or returns. | Route | Each route has fixed multiple locations and one driver is assigned to each route. |
| Orders | A general term to describe all orders placed by a customer | Order | A customer can place an order and return an order. An order contains multiple items. An order is a part of the delivery schedule. |
| Item  (Look-up table)  The item ID can be referred to in different tables instead of the item name | A general term to represent items of the Dark Spring Bottled Water Company | Item | There are 5 items currently in the company and an order can contain multiple items. |
| Order Details | A term to describe the items contained in each order and their quantities. | Order Details | Each order has multiple order details containing multiple items. |
| Delivery Schedule | A general term to show the delivery schedule. | Delivery Schedule | Each delivery schedule contains multiple orders to be delivered or returned. A delivery schedule has one route which in turn has multiple locations. |
| Bill | A general term to describe the bill generated for a customer per order. | Bill | Each bill is for one order. If an order is returned, the amount in the bill is made negative to show that the money has been refunded. |