**Relationship Data Models**

Product

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Barcode Number  *(Primary key)* | Product name | Price | Available Units | Provider ID  *(foreign key)* |
| 1872394 | Apple | 0.99 | 40 | 28 |
| 4891048 | Banana | 0.58 | 27 | 39 |
| 4829479 | Soda | 0.75 | 32 | 43 |

Provider (this table might not be necessary, the info could just be stored directly in the product table)

|  |  |  |  |
| --- | --- | --- | --- |
| ID *(Primary key)* | Name | Phone number | Address |
| 28 | James Corey | 882-483-2422 | 4322 Sycamore Way |
| 39 | Jane Smith | 573-421-4564 | 8593 Trident Dr. |
| 43 | Gordon Hansen | 775-322-7534 | 9034 Washington Avenue |

Customer

|  |  |  |  |
| --- | --- | --- | --- |
| ID *(Primary key)* | Name | Address | Payment type |
| 8302 | Job Johnson | 3928 Heath Circle | Cash |
| 9304 | Kelsey Oaks | 3920 Lilac Avenue | Cash |
| 4204 | Jenna Thomas | 4904 Aspen Road | Debit |

Order

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Order ID  *(Primary key)* | Customer ID  *(foreign key)* | Payment Type | Total Cost | Receipt | Delivery Method |
| 43 | 9878 | Cash | 14.99 | Print | Pick Up |
| 54 | 6734 | Debit | 23.39 | Print | Pick Up |
| 23 | 2367 | Debit | 7.42 | Print | Pick Up |