|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| MemberID | StaffID | OrderID | OrderDetailsID | ProductID | ShippingID | CategoryID | Login |
| M1 | S1 | O2 | OI2 | P2 | SH1 | G5 | ciaranoconnor@gmail.com |
| M1 | S1 | O2 | OI2 | P2 | SH1 | G5 | ciaranoconnor@gmail.com |
| M1 | S1 | O2 | OI2 | P2 | SH1 | G5 | ciaranoconnor@gmail.com |
| M2 | S2 | O3 | OI3 | P3 | SH2 | Shoes3 | Kellyluke509@gmail.com |
| M2 | S2 | O3 | OI3 | P3 | SH2 | Shoes3 | Kellyluke509@gmail.com |
| M3 | S3 | O1 | OI1 | P1 | SH3 | C2 | Jason03Price@gmail.com |

1st Normal Form

2nd Normal Form

tableName - MemberOrderProduct

Primary Key(s) – MemberID, OrderID, ProductID

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| MemberID | StaffID | OrderID | OrderDetailsID | ProductID | ShippingID | CategoryID | Login |
| M1 | S1 | O2 | OI2 | P2 | SH1 | G5 | ciaranoconnor@gmail.com |
| M1 | S1 | O2 | OI2 | P2 | SH1 | G5 | ciaranoconnor@gmail.com |
| M1 | S1 | O2 | OI2 | P2 | SH1 | G5 | ciaranoconnor@gmail.com |
| M2 | S2 | O3 | OI3 | P3 | SH2 | Shoes3 | Kellyluke509@gmail.com |
| M2 | S2 | O3 | OI3 | P3 | SH2 | Shoes3 | Kellyluke509@gmail.com |
| M3 | S3 | O1 | OI1 | P1 | SH3 | C2 | Jason03Price@gmail.com |

|  |  |  |
| --- | --- | --- |
| MemberID | OrderID | ProductID |
| M1 | O2 | P2 |
| M1 | O4 | P2 |
| M1 | O5 | P2 |
| M2 | O37 | P3 |
| M2 | O38 | P3 |
| M3 | O10 | P1 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| MemberID | StaffID | OrderID | OrderDetailsID | ProductID | ShippingID | CategoryID | Login |
| M1 | S1 | O2 | OI2 | P2 | SH1 | G5 | ciaranoconnor@gmail.com |
| M1 | S1 | O2 | OI2 | P2 | SH1 | G5 | ciaranoconnor@gmail.com |
| M1 | S1 | O2 | OI2 | P2 | SH1 | G5 | ciaranoconnor@gmail.com |
| M2 | S2 | O3 | OI3 | P3 | SH2 | Shoes3 | Kellyluke509@gmail.com |
| M2 | S2 | O3 | OI3 | P3 | SH2 | Shoes3 | Kellyluke509@gmail.com |
| M3 | S3 | O1 | OI1 | P1 | SH3 | C2 | Jason03Price@gmail.com |

tableName – MembersLoginTable

|  |  |  |
| --- | --- | --- |
| MemberID | OrderID | Login |
| M1 | O2 | ciaranoconnor@gmail.com |
| M1 | O2 | ciaranoconnor@gmail.com |
| M1 | O2 | ciaranoconnor@gmail.com |
| M2 | O3 | Kellyluke509@gmail.com |
| M2 | O3 | Kellyluke509@gmail.com |
| M3 | O1 | Jason03Price@gmail.com |

Primary Key(s) – MemberID Foreign Key(s) - OrderID

tableName – OrderTable

Primary Key(s) - OrderID

|  |  |  |  |
| --- | --- | --- | --- |
| StaffID | OrderID | OrderDetailsID | ShippingID |
| S1 | O2 | OI2 | SH1 |
| S3 | O4 | OI2 | SH1 |
| S1 | O5 | OI2 | SH1 |
| S27 | O37 | OI3 | SH2 |
| S2 | O38 | OI3 | SH2 |
| S3 | O10 | OI1 | SH3 |

tableName – Product

Primary Key(s) – ProductID

|  |  |
| --- | --- |
| ProductID | CategoryID |
| P2 | G5 |
| P2 | G5 |
| P2 | G5 |
| P3 | Shoes3 |
| P3 | Shoes3 |
| P1 | C2 |

3rd Normal Form

|  |  |  |
| --- | --- | --- |
| MemberID | OrderID | ProductID |
| M1 | O2 | P2 |
| M2 | O37 | P3 |
| M3 | O10 | P1 |

tableName – MembersLoginTable

|  |  |  |
| --- | --- | --- |
| MemberID | OrderID | Login |
| M1 | O2 | ciaranoconnor@gmail.com |
| M2 | O3 | Kellyluke509@gmail.com |
| M3 | O1 | Jason03Price@gmail.com |

Primary Key(s) – MemberID Foreign Key(s) - OrderID

tableName – OrderTable

Primary Key(s) – OrderID Foreign Key - staffID

|  |  |  |  |
| --- | --- | --- | --- |
| StaffID | OrderID | OrderDetailsID | ShippingID |
| S1 | O2 | OI2 | SH1 |
| S27 | O37 | OI3 | SH2 |
| S2 | O38 | OI3 | SH2 |
| S3 | O10 | OI1 | SH3 |

tableName – Product

Primary Key(s) – ProductID

|  |  |
| --- | --- |
| ProductID | CategoryID |
| P2 | G5 |
| P3 | Shoes3 |
| P1 | C2 |

tableName – Staff

Primary Key - staffID

|  |
| --- |
| StaffID |
| S1 |
| S3 |
| S27 |
| S2 |