|  |  |  |  |
| --- | --- | --- | --- |
| **UNF** | **1NF** | **2NF** | **3NF** |
| Payment\_ID | **Order** | **Order** | **Order** |
| Order\_ID | Order\_ID | Order\_ID **PK** | Order\_ID **PK** |
| Payment\_Type | Payment\_Type | Staff\_ID | Staff\_ID |
| Store\_ID | Payment\_ID | Item\_ID | Item\_ID |
| Role\_ID | Menu\_ID |  |  |
| Staff\_ID | Customer\_ID | **Customer** | **Customer** |
| Shift\_ID | Menu\_Item | Customer\_ID **PK** | Customer\_ID **PK** |
| Menu\_ID | Item\_ID | Order\_ID | Order\_ID |
| Stock\_ID |  | Payment\_ID | Payment\_ID |
| Customer\_ID | **Staff** |  |  |
| Staff\_Name | Staff\_ID | **Menu** | **Menu** |
| Menu\_Item | Shift\_ID | Menu\_ID **PK** | Menu\_ID **PK** |
| Staff\_Shift\_ID | Role\_ID | Menu\_Item | Menu\_Item |
| Shift\_Times | Store\_ID | Item\_ID | Item\_ID |
| Store\_Location | Staff\_Shift\_ID |  |  |
| Staff\_Role | Staff\_Name | **Payment** | **Payment** |
| Item\_ID | Stock\_ID | Payment\_ID **PK** | Payment\_ID **PK** |
| Stock | Staff\_Role | Payment\_Type | Payment\_Type |
|  | Staff\_location |  |  |
|  | Stock |  |  |
|  |  | **Roles** | **Roles** |
|  |  | Role\_ID **PK** | Role\_ID **PK** |
|  |  | Staff\_ID | Staff\_Role |
|  |  |  |  |
|  |  | **Shifts** | **Shifts** |
|  |  | Shift\_ID **PK** | Shift\_ID **PK** |
|  |  | Staff\_Times | Shift\_Times |
|  |  |  |  |
|  |  | **Staff\_Shifts** | **Staff\_Shifts** |
|  |  | Staff\_ID | Staff\_ID |
|  |  | Shift\_ID | Shift\_ID |
|  |  | Staff\_Shift\_ID **PK** | Staff\_Shift\_ID **PK** |
|  |  |  |  |
|  |  | **Staff** | **Staff** |
|  |  | Staff\_ID **PK** | Staff\_ID **PK** |
|  |  | Staff\_Name | Staff\_Name |
|  |  | Role\_ID | Role\_ID |
|  |  |  |  |
|  |  | **Stock** | **Stock** |
|  |  | Stock\_ID **PK** | Stock\_ID **PK** |
|  |  | Role\_ID | Role\_ID |
|  |  | Item\_ID | Item\_ID |
|  |  | Stock | Stock |
|  |  | **Store** | **Store** |
|  |  | Store\_ID **PK** | Store\_ID **PK** |
|  |  | Store\_Location | Store\_Location |

There were no altercations in 2NF to 3NF and they are exactly the same.