**Data Structure**

Product type

|  |  |  |
| --- | --- | --- |
| Field Name | Type | Constraints |
| Id | int | NOT NULL |
| Name | String | NOT NULL |

Special tags

|  |  |  |
| --- | --- | --- |
| Field Name | Type | Constraints |
| id | Int | NOT NULL |
| Name | string | NOT NULL |

Product

|  |  |  |
| --- | --- | --- |
| Field Name | Type | Constraints |
| Id | Int | NOT NULL |
| Name | String | NOT NULL |
| Price | Double | NOT NULL |
| Spicyness | String | NOT NULL |
| Available | Bool | NOT NULL |
| Description | String | NOT NULL |
| Image | String | NOT NULL |
| Products\_type\_id | Int | Foreign key |
| Special\_tag\_id | int | Foreign key |

Order

|  |  |  |
| --- | --- | --- |
| Field Name | Type | Constraints |
| Id | int | Not null |
| Customer\_name | String | Not null |
| Customer\_Phone | String | Not null |
| Customer\_Email | String | Not null |
| TIme | Date | Not null |
| Date | Date | Not null |
| Confermation | Bool | Not null |
| User\_id | string | Foreign Key |

PO­\_info

|  |  |  |
| --- | --- | --- |
| Field Name | Type | Constraints |
| Int | int | Not null |
| Order\_id | Int | Foreign Key |
| Product \_id | Int | Foreign Key |

User

|  |  |  |
| --- | --- | --- |
| Field Name | Type | Constraints |
| Id | string | Not null |
| Name | string | Not null |
| Email | string | Not null |
| Phone Number | String | Not null |
| Password | String | Not null |

Role

|  |  |  |
| --- | --- | --- |
| Field Name | Type | Constraints |
| Id | string | Not null |
| Name | string | Not null |

User Role

|  |  |  |
| --- | --- | --- |
| Field Name | Type | Constraints |
| User Id | string | Foreign key |
| Role id | String | Foreign key |