* 1. Sign up/Login/Log out(Xing)

User\_info

|  |  |
| --- | --- |
| Field name | Field type |
| user\_id |  |
| user\_name |  |
| user\_password |  |
| phone\_number |  |
| email\_address |  |

* 1. Menu Display NoSql (yuan)

Dish table

|  |  |
| --- | --- |
| Field name | Field type |
| dish\_id |  |
| dish\_name |  |
| dish\_picture |  |
| dish\_price |  |
| dish\_description |  |
| catalog\_id |  |
| dish\_soldout |  |

Catalog table

|  |  |
| --- | --- |
| Field name | Field type |
| catalog\_id |  |
| catalog\_name |  |
| catalog\_description |  |

Comment on dish(on comment table)

|  |  |
| --- | --- |
| Field name | Field type |
| dish\_id |  |
| comment\_id |  |

* 1. Shopping Cart/Order related/Payment NoSql (yuan)

1.restaurant

|  |  |
| --- | --- |
| Field name | Field type |
| zip\_code |  |
| Restaurant\_id |  |

|  |  |
| --- | --- |
| Field name | Field type |
| Restuarant\_id |  |
| Restuarant\_name |  |
| Restuarant\_status |  |

2.Order

|  |  |
| --- | --- |
| Field name | Field type |
| order\_id |  |
| user\_id |  |
| order\_time |  |
| confirm\_time |  |
| restaurant\_id |  |
| delivery\_address\_id |  |

There are so many dishes inside one order, so may need another table, will check in MongoDb

|  |  |
| --- | --- |
| Field\_name | Field\_type |
| order\_id |  |
| dish\_id |  |

* 1. Recommendation Dishes(xing)

Daily\_special:

|  |  |
| --- | --- |
| Field name | Field type |
| id |  |
| dish\_id |  |

Regular\_recommend:

|  |  |
| --- | --- |
| Field name | Field type |
| id |  |
| catalog\_name |  |
| dish\_id |  |
| relevant\_dish\_id |  |

Now, we are consider to use MongoDB as the only Database. It seems no need to use SQL Database in our project.

* 1. Comments on dishes(xing)

Comment:

|  |  |
| --- | --- |
| Field name | Field type |
| dish\_id |  |
| comment\_id |  |
| comment\_detail |  |

* 1. User Profile (yuan)

|  |  |
| --- | --- |
| Field name | Field type |
| user\_id |  |
| user\_name |  |
| email\_address |  |
| phone\_number |  |

One person may have different delivery\_address

|  |  |
| --- | --- |
| Field name | Field type |
| delivery\_address\_id |  |
| user\_id |  |
| delivery\_address |  |

Order history

The same table with order

|  |  |
| --- | --- |
| Field name | Field type |
| order\_id |  |
| user\_id |  |
| order\_time |  |
| confirm\_time |  |
| restaurant\_id |  |
| Delivery address |  |

Comment history (on comment table)

|  |  |
| --- | --- |
| Field name | Field type |
| user\_id |  |
| comment\_id |  |