MongoDB data model design

**Catalog**

{

catalog\_name: ‘Noodle’,

catalog\_description:’Different noodle has different flavors’

}

**Dish**

{

dish\_name:’Ramen’,

dish\_picture:’’,

dish\_price:’10’,

dish\_description:’Original ramen from Japan, made of pork’,

catalog\_name:’Noodle’,

dish\_soldout:’No’

}

**Branch**

{

zip\_code:’95132’,

city\_name:’Santa Clara’,

restaurant:[

{

branch\_name:’The berryessa branch’,

branch\_status:’Open’,

Address:’145 Berryessa Road’

},

{

branch\_name:’The Clinton branch’,

branch\_status:’Open’,

Address:’1458 Clinton Road’

}

]}

**Order**

{

order\_id:’’,

user\_name:’Dora’,

order\_time:’time’,

confirm\_time:’time’,

restaurant\_name:’The berryessa branch’,

delivery\_address:

{

street:’410 Charls’,

city:’Santa Clara’,

state:’CA’,

zip:’95132’

},

dishes: [

{

dish\_name:’Ramen’,

dish\_pic:’’,

dish\_price:’10’,

number:’1’

},

{

dish\_name:’Tofu’,

dish\_pic:’’,

dish\_price:’10’,

number:’1’

}

]}

**User profile**

{

user\_name:’Dora’,

password:’xin’,

email\_address:’dora@hot.com’,

phone\_number:[‘123456789’,’123456789’],

delivery\_address:[

{

street:’410 Charls Pl’,

city:’Santa Clara’,

state:’CA’,

zip:’95132’

},

{

street:’410 Santos Road,

city:’Santa Clara’,

state:’CA’,

zip:’95133’

},

]

}

**Comment**

{

comment\_id:’’,

dish\_name:’Ramen’,

user\_name:’Dora’,

publish\_time:’time’,

score:’4’,

comment\_description:’The Ramen is great!’

}

**Daily\_Special**

{

special\_id:’’,

recommended dish: [

{

dish\_name:’Ramen’,

dish\_picture:’’,

dish\_price:’10’,

dish\_description:’Original ramen from Japan, made of pork’,

catalog\_name:’Noodle’,

dish\_soldout:’No’

},

{

dish\_name:’Tofu’,

dish\_picture:’’,

dish\_price:’10’,

dish\_description:’Japan soft Tofu with delicious sauce’,

catalog\_name:’Noodle’,

dish\_soldout:’No’

}

] }

**Regular\_recommend**

{

recommend\_id:’’,

catalog\_name:’Noodles’,

related\_dishes:[

{

dish\_name:’Ramen’,

recommend\_dish:’Tofu’

},

{

dish\_name:’Chicken’,

recommend\_dish:’Ramen’

}

]}