ResisterUserForm

+ name(名前) : String
+ email(Eメール) : String
+ password(パスワード) : String
+ zipcode(郵便番号) : String
+ address(住所) : String
+ telephone(電話番号) : String

ResisterUserController

+ index(form:ResisterForm) : String
+ resisterUser(form:ResisterForm) : String

ResisterUserService

+ resisterUser(user : User) : void

UserRepository

+ save(user : User) : void

register_user.html

login.htmll

User

```
                                          <<controller/form>>
                                          LoginLogoutUserForm
        <<view>>
        login.html                        - password:String
                                          - email:String


           request ▷

                                                         ◁
        <<controller/controller>>
        LoginLogoutUserController              <<model/service>>          <<model/repository>>
                                               LoginLogoutUserService     UserRepository

        + login(form:LoginLogoutForm):String
        + logout():String                      + login(form:LoginLogoutUserForm):U   + findByPasswordAndEmail(
        + toLogin():String                                                           password:String,email:String):User


        ◁ forward or
           redirect

        <<controller/controller>>
        ShowItemListController
                                                                  <<model/domain>>
                                                                  User
        +showItemListController() : String
```

item_list.html

ShowItemListController
+ **showItemList** (String name , Model model) : String

ShowItemListService
+ **showItemList** (String name) : List<Item>

ItemRepository
+ findAll() : List<Item> +findByName(String name) List<Item>

Item

<<model/domain>>
Item

<<view>>
show_list.html

<<model/repository>>
ItemRepository

+load(id:Integer):Item

<<controller/controller>>
ShowItemDetailController

+showItemDetail(itemId:Integer):String

<<model/service>>
ShowItemDetailService

+showItemDetail(itemId:Integer):Item

<<model/repository>>
ToppingRepository

+findAll():List<Topping>

<<view>>
item_dtail.html

<<model/domain>>
Topping

cart_list.html

OrderRepository
+ load (String orderId) : Order

OrderConfirmController
+ orderConfirm(String orderId, Model model) : String

order_confirm.html

OrderConfirm**Service**
+ getOrderId (String orderId) : Order

Order

Item

OrderItem

Item

OrderTopping

```
┌─────────────────────────────────┐
│           OrderForm             │
├─────────────────────────────────┤
│ - destinationName:String        │
│ - totalPrice:String             │
│ - destinationEmail:String       │
│ - desitinationzipCode:String    │
│ - desitinationAddress:String    │
│ -desitinationTel:String         │
│ - delivaryTime:Timestamp        │
│ - paymentMethod:Integer         │
│ - status:Integer                │
└─────────────────────────────────┘
```

```
┌─────────────────────────────────┐
│          OrderService           │
├─────────────────────────────────┤
│ + order(form:OrderForm):Order   │
└─────────────────────────────────┘
```

```
┌─────────────────────────────────┐
│        order_confirm.html       │
├─────────────────────────────────┤
│                                 │
└─────────────────────────────────┘
```

```
┌─────────────────────────────────┐
│         OrderRepository         │
├─────────────────────────────────┤
│ +load(id:Integer):Order         │
├─────────────────────────────────┤
│ + update(order:Order):Order     │
└─────────────────────────────────┘
```

```
┌─────────────────────────────────┐
│         OrderController         │
├─────────────────────────────────┤
│ +order(form:Orderform):String   │
└─────────────────────────────────┘
```

```
┌─────────────────────────────────┐
│             Order               │
├─────────────────────────────────┤
│                                 │
└─────────────────────────────────┘
```

```
┌─────────────────────────────────┐
│       order_finished.html       │
├─────────────────────────────────┤
│                                 │
└─────────────────────────────────┘
```