ZALADA
IT@KMITL • AC • TH •

Database Schema

Login Schema

```
{
    "username" : "ชื่อผู้ใช้",
    "password" : "รหัสผ่าน"
}
```

User Schema

```
{   "username" : "ชื่อผู้ใช้งานระบบ",
    "name" : "ชื่อ",
    "sex" : "เพศ",
    "birthDate" : "วันเกิด",
    "address" : "ที่อยู่",
    "email" : "อีเมล",
    "tel" : "เบอรโทรศัพท์“   }
```

Category Schema

```
{
    "id" : "รหัสประเภทสินค้",
    "name" : "ชื่อประเภทสินค้า",
    "parent" : ["ประเภทสินค้าที่สืบทอดลงมา"],
    "children" : ["ประเภทสินค้าที่สืบทอด Category นี้"]
}
```

Product Schema

```
{
    "id" : "รหัสสินค้า",
    "name" : "ชื่อสินค้า",
    "detail" : "รายละเอียดของสินค้า",
    "price" : "ราคาต่อหน่วย",
    "amount" : "จำนวนสินค้าที่ขาย",
    "owner" : "Username ของผู้ขาย",
```

Product Schema

"saleDate" : "วันแรกที่สินค้าถูกประกาศขาย",

"editDate" : "วันล่าสุดที่รายละเอียดของสินค้าถูกแก้ไข",

"category" : {"ประเภทสินค้า"}

}

Cart Schema

{ "id" : "รหัสสินค้า",
"cartType" : "ชื่อสินค้า",
"ownerName" : "username ของผู้เป็นเจ้าของตะกร้าสินค้า",
"products" : ["สินค้าทั้งหมดที่อยู่ในตะกร้ารวมทั้งจำนวนสั่งซื้อ"],
"createDate" : "วันที่สร้างตะกร้าสินค้า" }

PurchaseOrder Schema

```
{
    "id" : "รหัสการสั่งซื้อ",
    "buyer" : "ชื่อผู้ซื้อ",
    "totalPrice" : "ราคารวม",
    "buyDate" : "เวลาที่สั่งซื้อ",
    "paidDate" : "เวลาที่จ่ายเงิน",
    "paySchedule" : "กำหนดการจ่ายเงิน",
```

PurchaseOrder Schema

"buyProducts" : "รายการสินค้าที่สั่งซื้อ",

"deliveryAddress" : "สถานที่จัดส่ง",

"payStatus" : "สถานะของรหัสการสั่งซื้อ(จ่ายเงินแล้ว ,ยังไม่จ่ายเงิน)",

"tel" : "เบอร์โทรศัพท์ของผู้สั่งซื้อ",

"email" : "emailของผู้สั่งซื้อ"

}

SaleHistory Schema

```
{   "id" : "รหัสประวัติการสั่งซื้อ",
    "product_id" : "รหัสสินค้า",
    "owner" : "คนที่เป็นเจ้าของสินค้า",
    "ponumber" : "หมายเลขใบสั่งซื้อ",
    "Date" : "วันเวลาที่ซื้อ",
    "amount" : "จำนวนที่ซื้อ",
    "Buyer" : "ชื่อผู้ซื้อ"  }
```

BuyHistory Schema

```
{
    "id" : "รหัสการสั่งซื้อ",
    "buyer" : "ชื่อผู้ซื้อ",
    "totalPrice" : "ราคารวม",
    "buyDate" : "เวลาที่สั่งซื้อ",
    "paidDate" : "เวลาที่จ่ายเงิน",
    "paySchedule" : "กำหนดการจ่ายเงิน",
```

BuyHistory Schema

"buyProducts" : "รายการสินค้าที่สั่งซื้อ",

"deliveryAddress" : "สถานที่จัดส่ง",

"payStatus" : "สถานะของรหัสการสั่งซื้อ(จ่ายเงินแล้ว,ยังไม่จ่ายเงิน)",

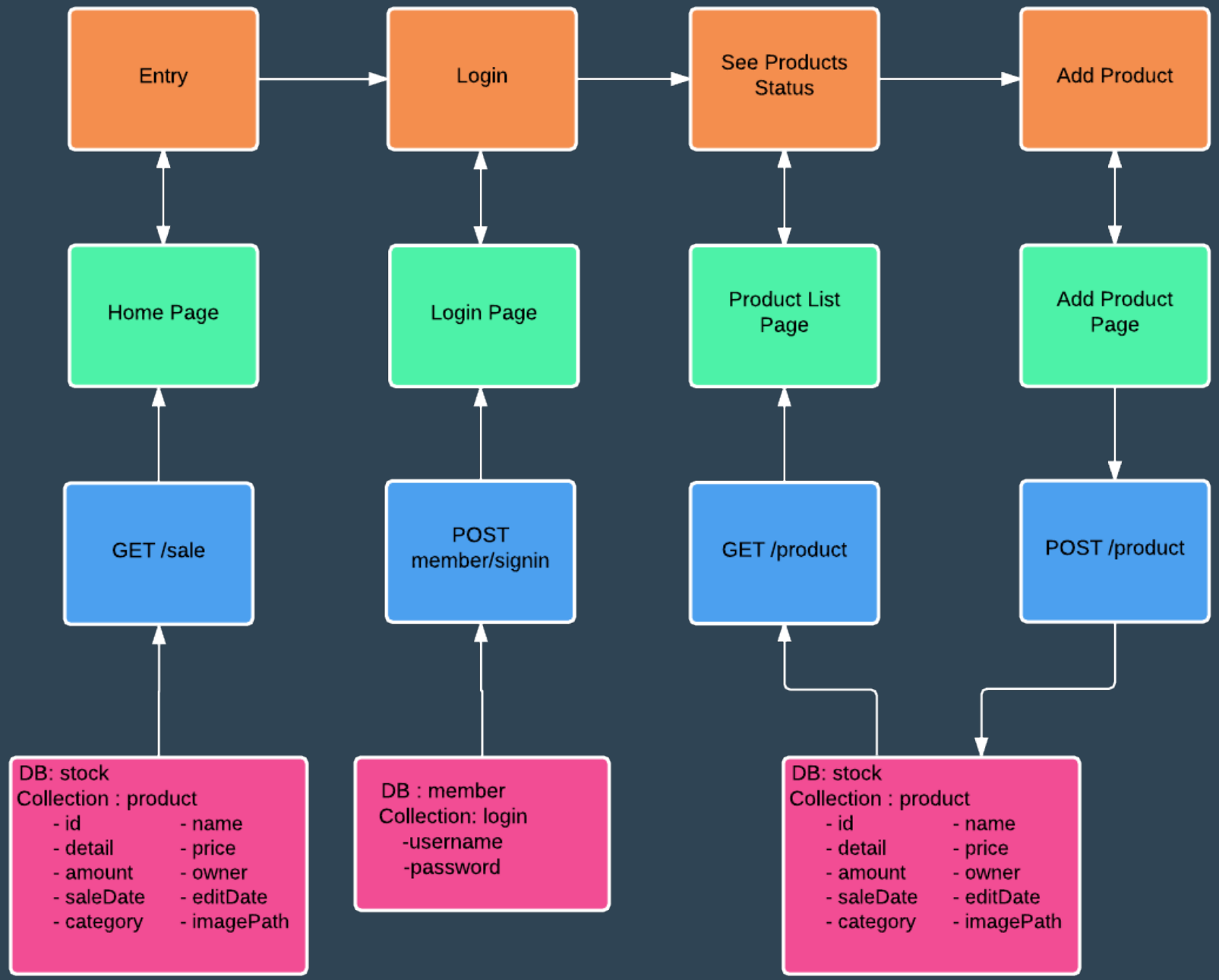
"tel" : "เบอร์โทรศัพท์ของผู้สั่งซื้อ",

"email" : "emailของผู้สั่งซื้อ"

}

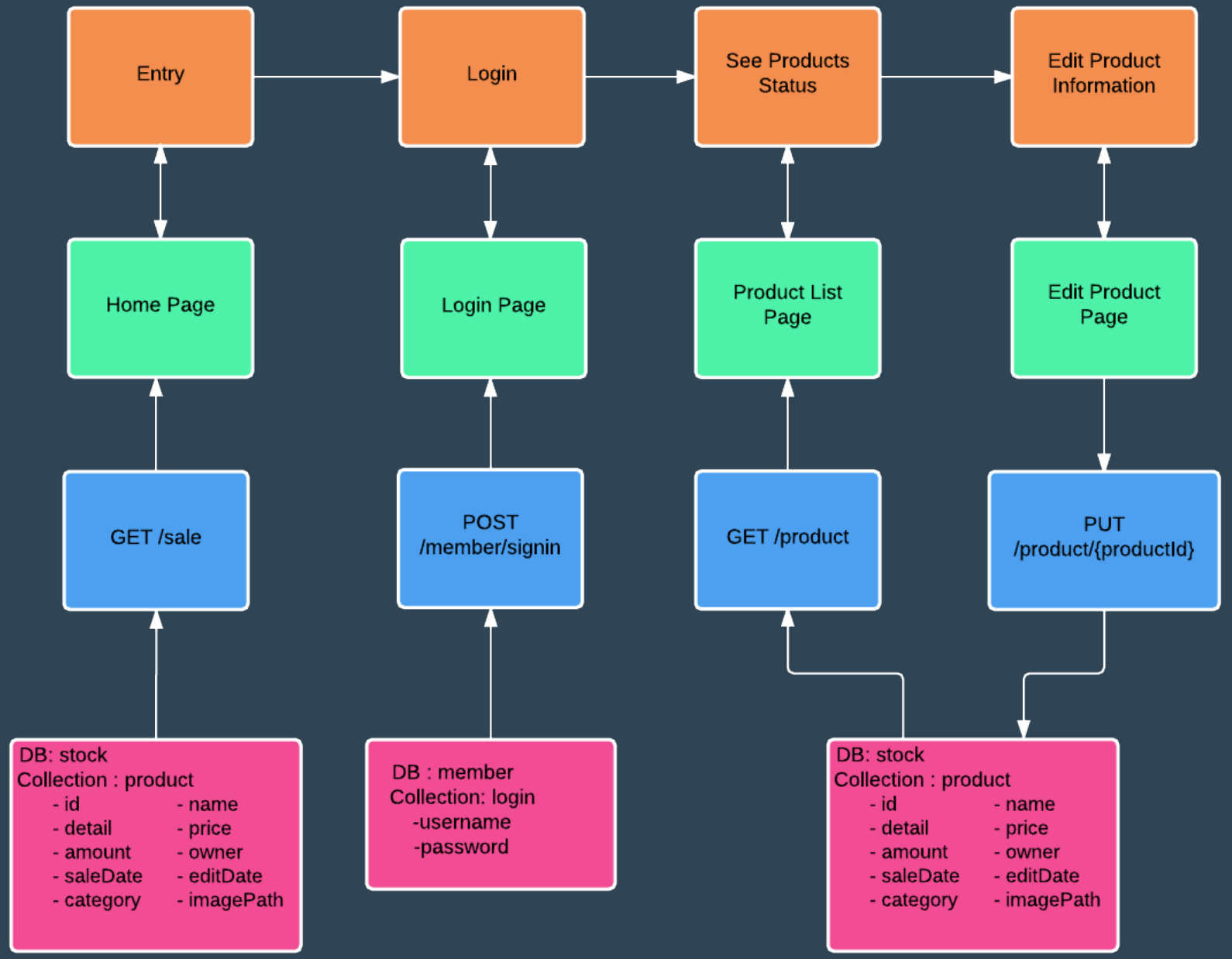
Work Flow Diagram

Insert Product

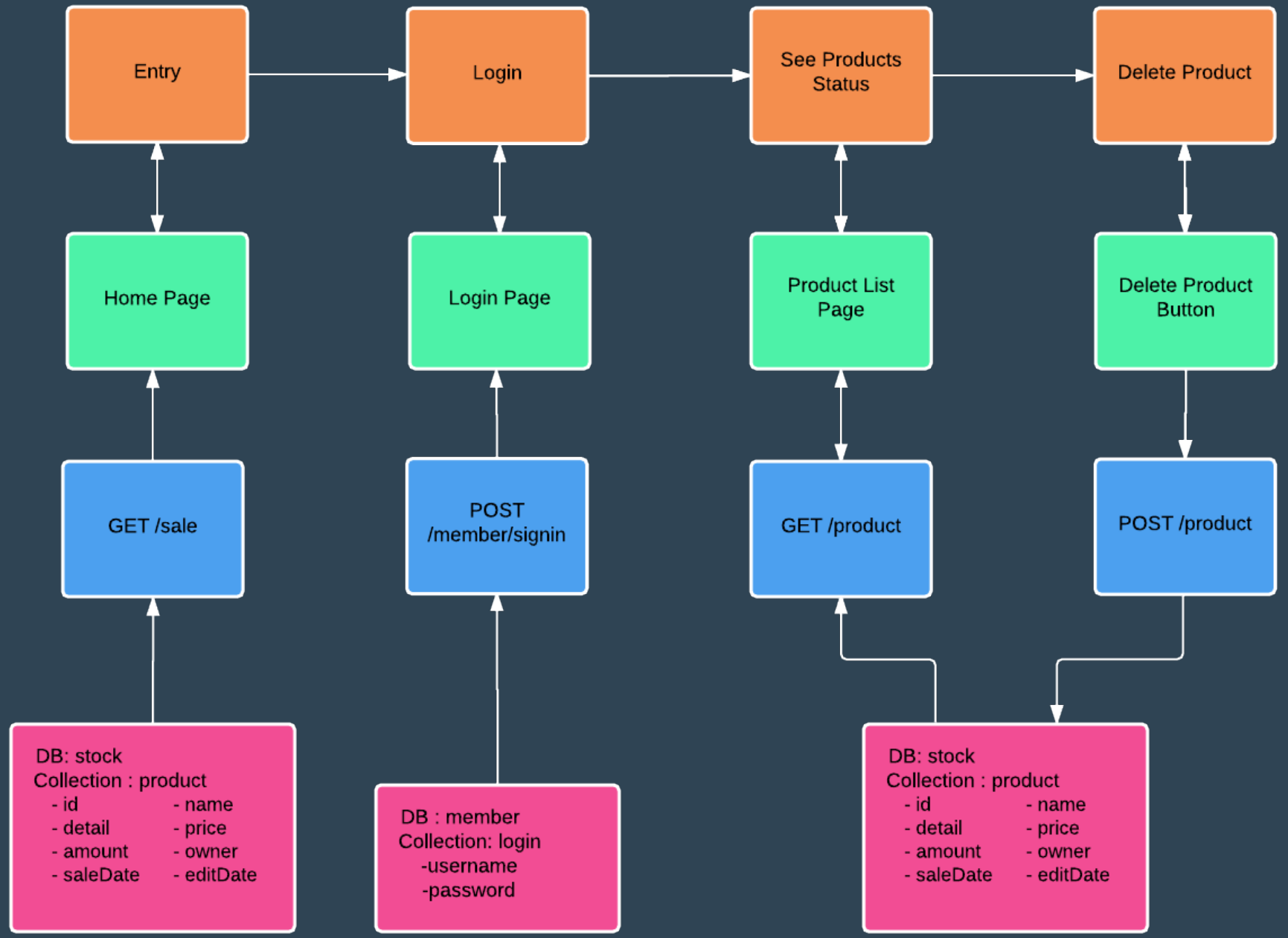


View Sale Product

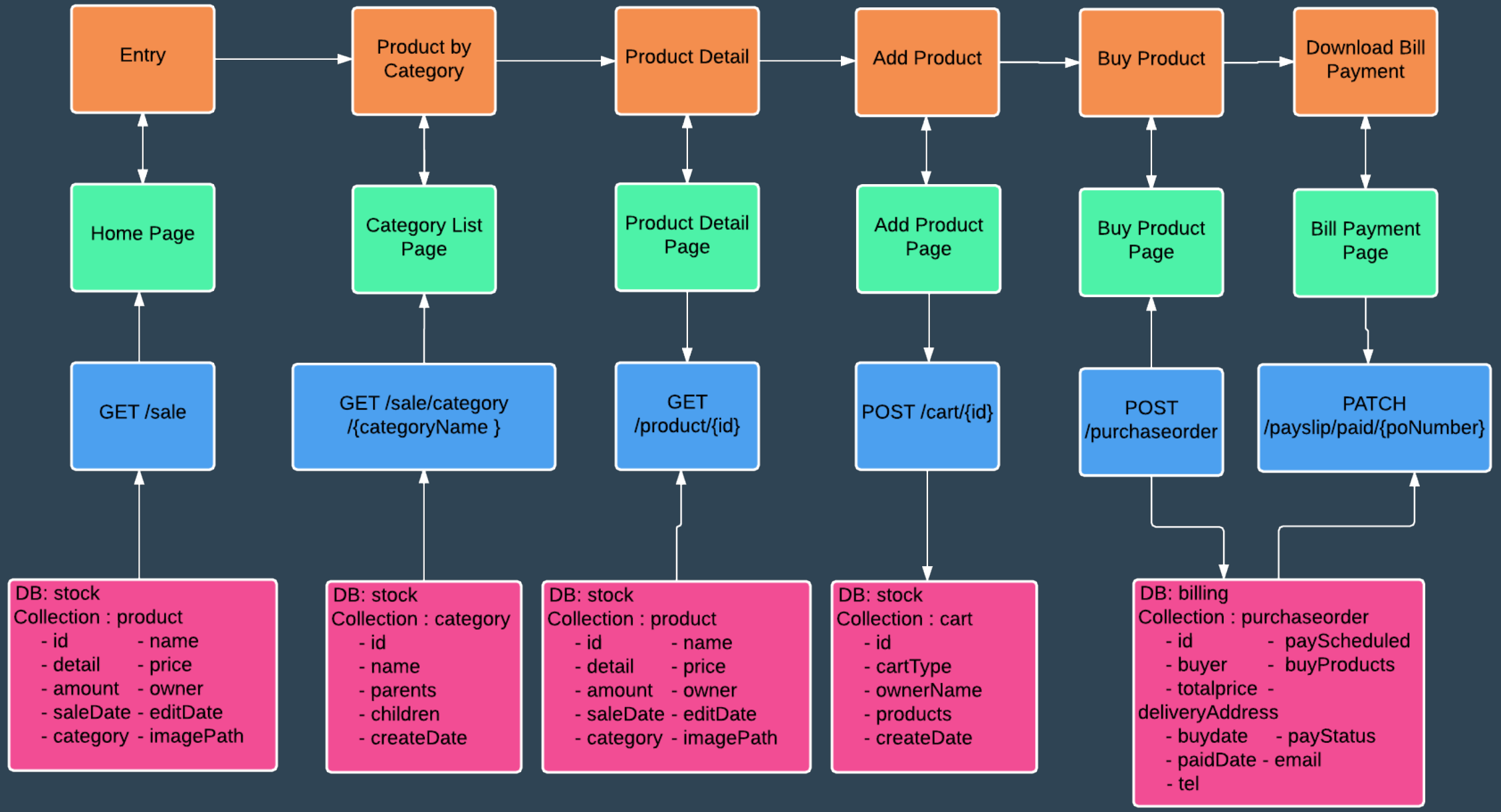
Update Product



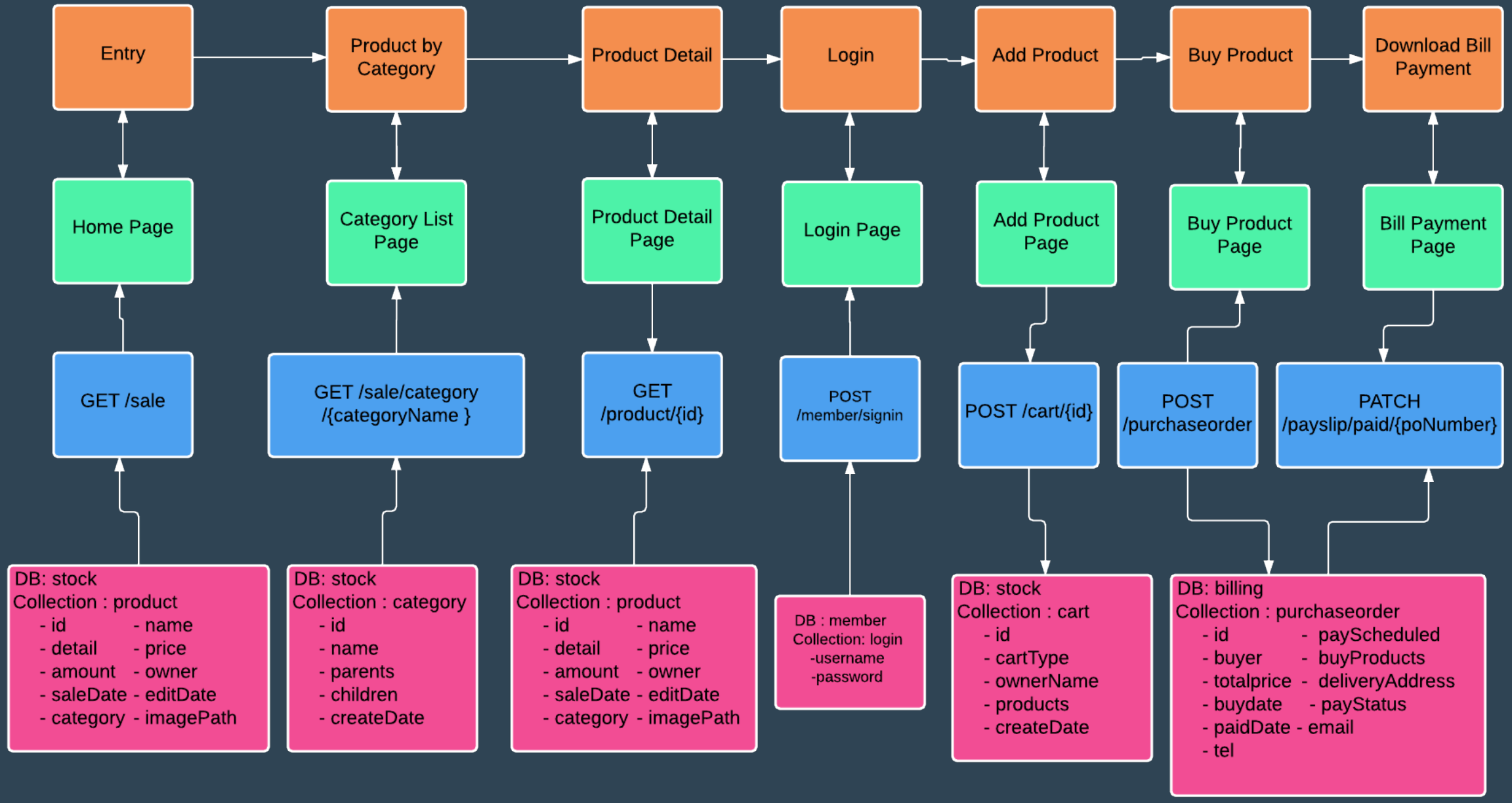
Delete Product



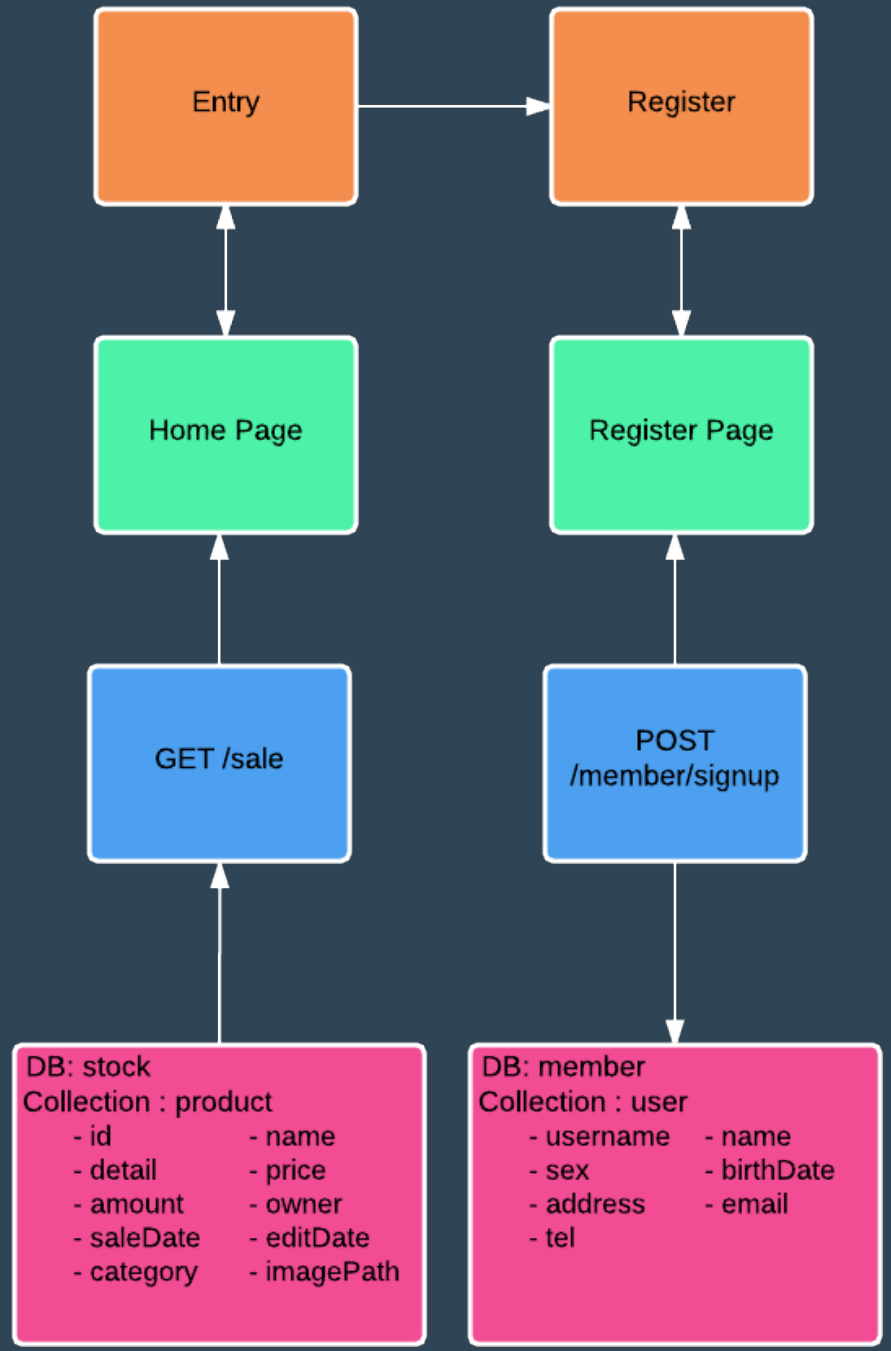
Buy (Not Login)



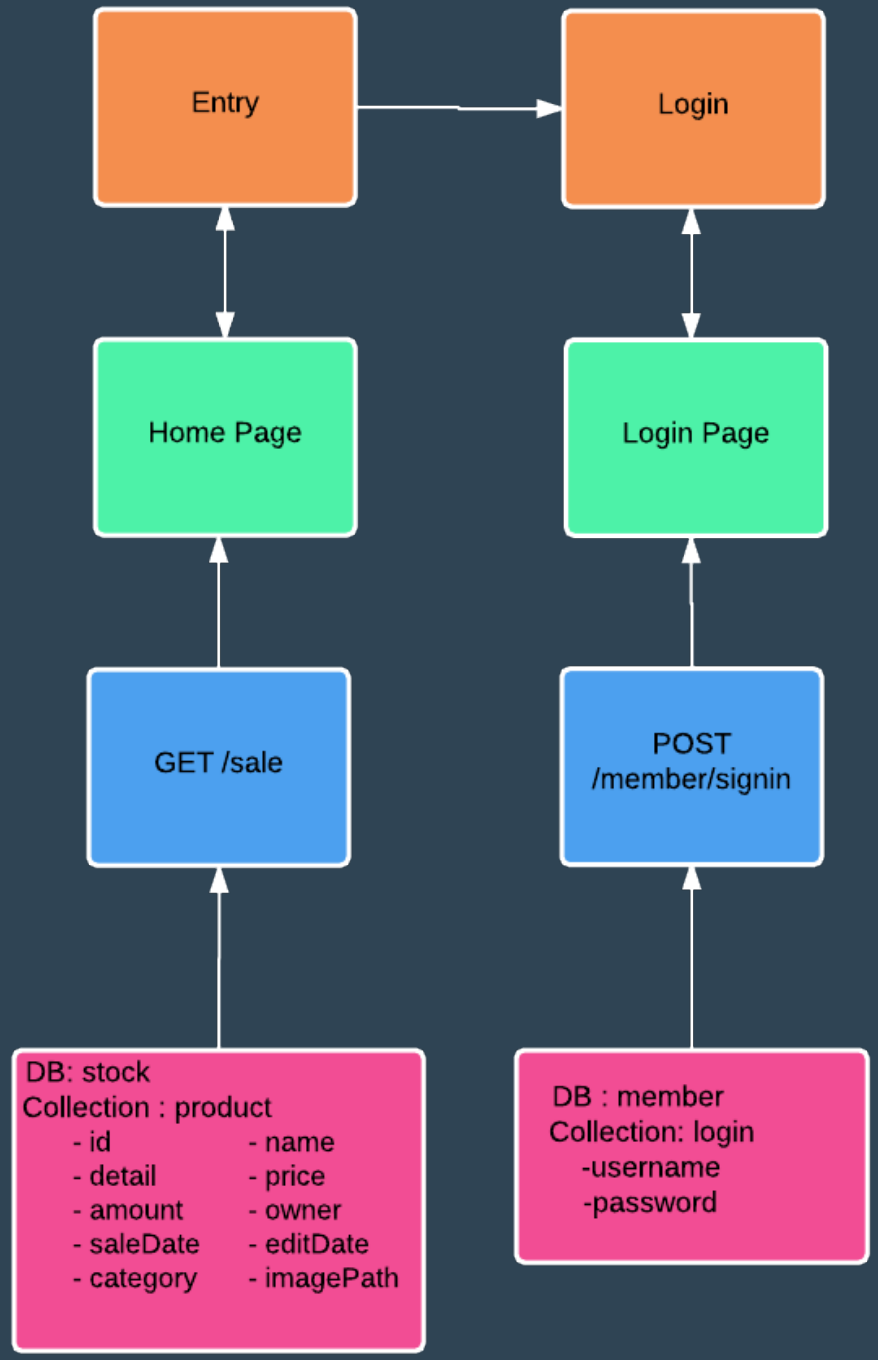
Buy (Need Login)



Register

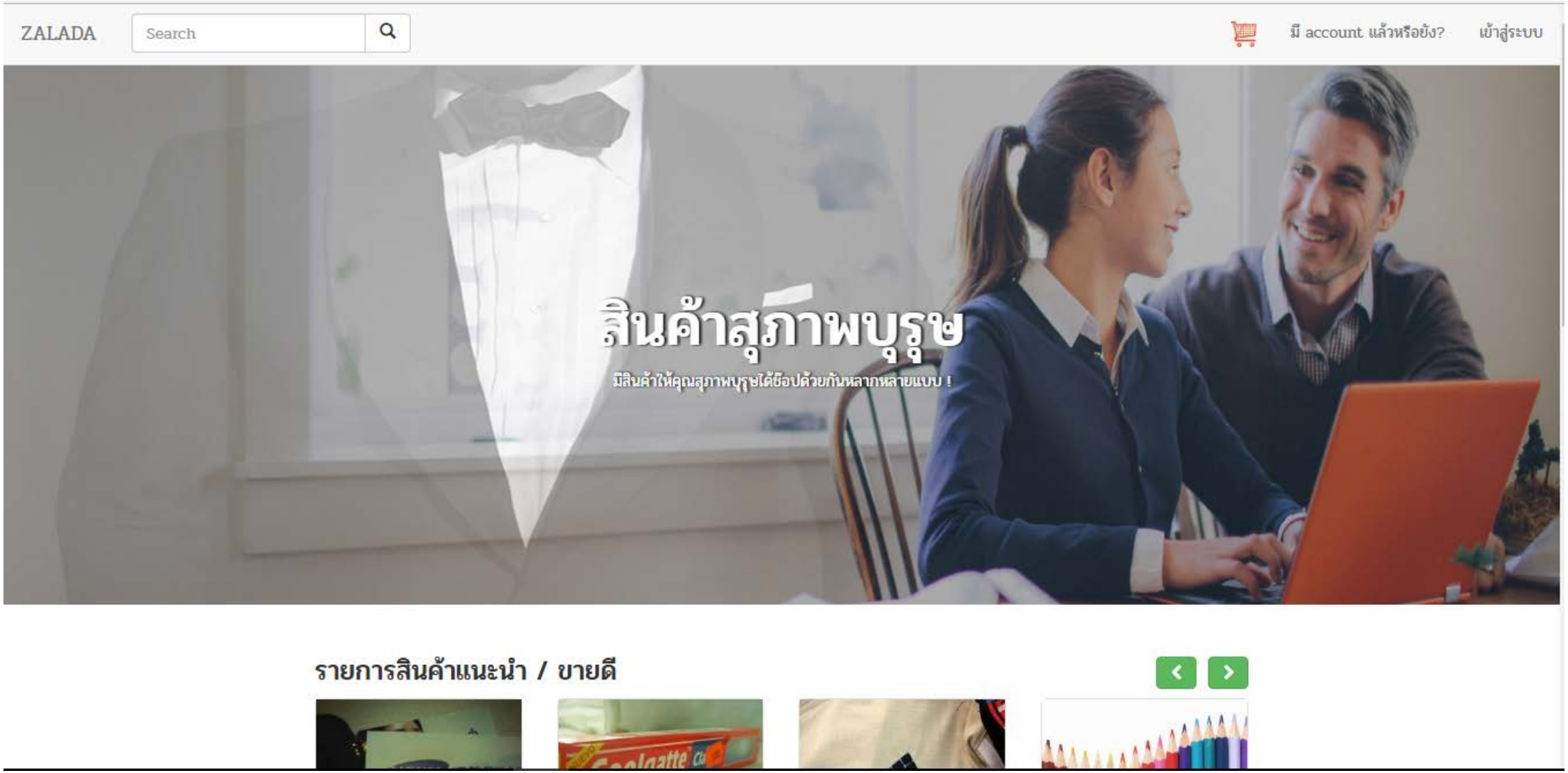

Entry
Register
Home Page
Register Page
GET /sale
POST
/member/signup
DB: stock
Collection : product
- id
- name
- detail
- price
- amount
- owner
- saleDate
- editDate
- category
- imagePath
DB: member
Collection : user
- username
- name
- sex
- birthDate
- address
- email
- tel

Login


Entry
Login
Home Page
Login Page
GET /sale
POST
/member/signin
DB: stock
Collection : product
- id
- name
- detail
- price
- amount
- owner
- saleDate
- editDate
- category
- imagePath
DB : member
Collection: login
-username
-password

User Interface

Default Home Page



ZALADA Search มี account แล้วหรือยัง? เข้าสู่ระบบ

รายการสินค้าแนะนำ / ขายดี

กระเป๋าสะพาย SAMSING
ราคา 500 ฿
★★★★★
Add to cart | More details

Coolgatte ยาสีฟัน
ราคา 100 ฿
★★★★★
Add to cart | More details

เสื้อยืด sa-did-sa
ราคา 180 ฿
★★★★★
Add to cart | More details

ดินสอสี Chloride
ราคา 12 ฿
★★★★★
Add to cart | More details

รายการสินค้าโปรโมชั่น

ZALADA

Search

มี account แล้วหรือยัง? เข้าสู่ระบบ

รายการสินค้าโปรโมชั่น

Product with Variants

$199.99

Add to cart | More details

Grouped Product

$249.99

Add to cart | More details

Product with Variants

$149.99

Add to cart | More details

เกี่ยวกับ

Programmers

ขอบคุณโปรแกรมเมอร์ทุกคนที่เขียน

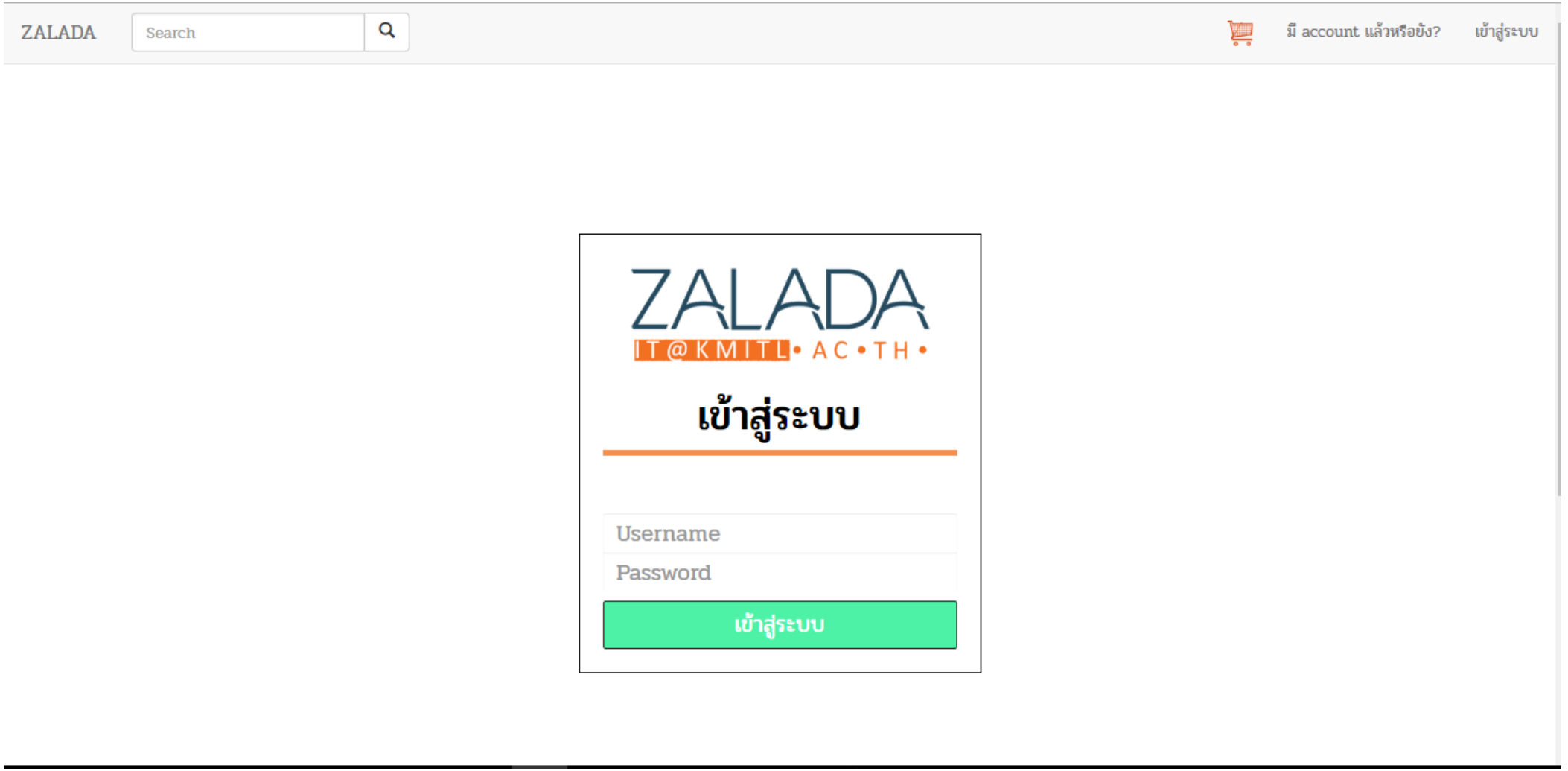
Artists

รูปทุกรูปถูกสรรหามาจากความคิด

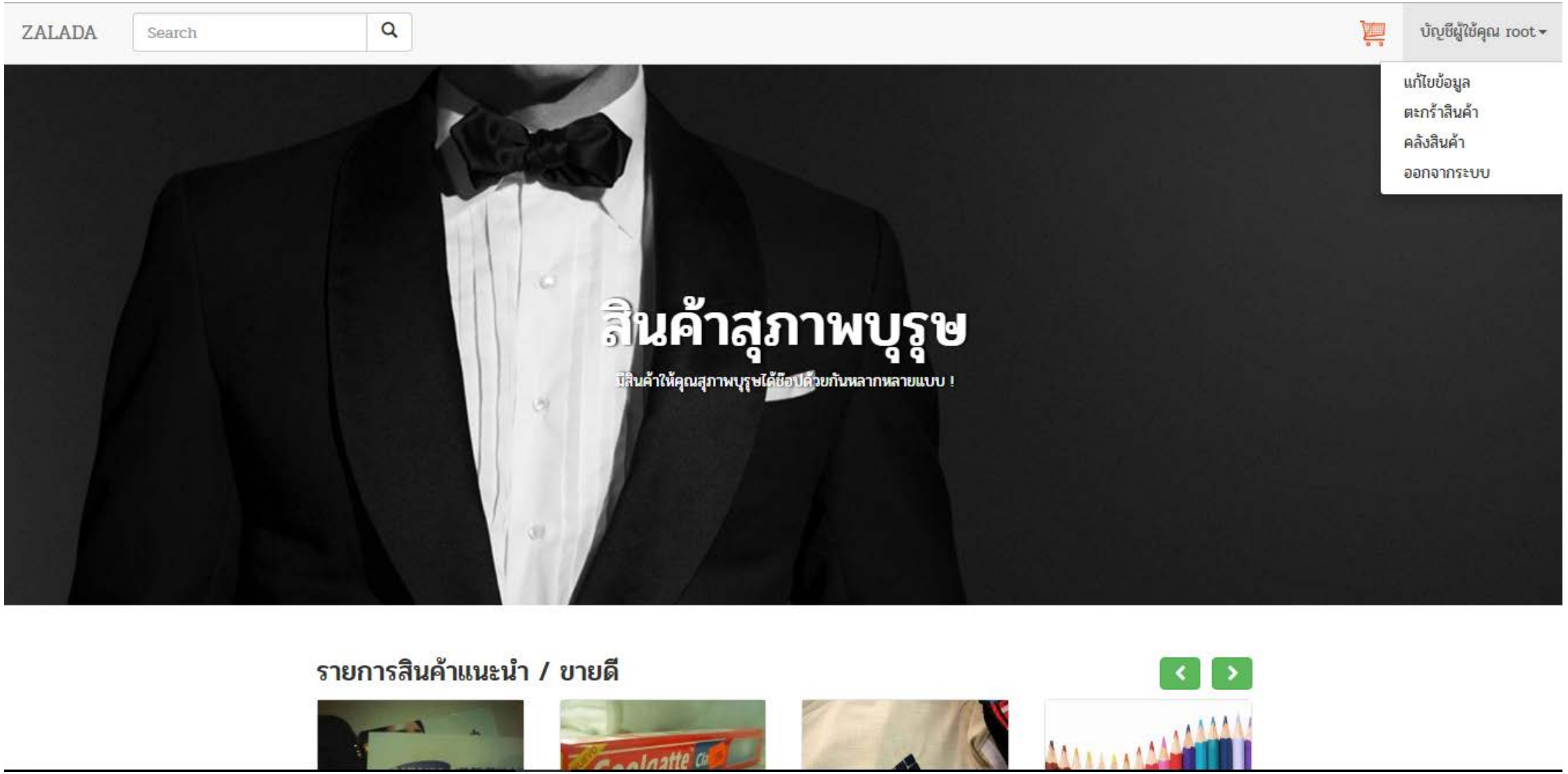
Designers

การออกแบบเป็นชีวิตจิตใจของพวก

Login Page


ZALADA
Search
มี account แล้วหรือยัง?
เข้าสู่ระบบ
ZALADA
IT@KMITL • AC • TH •
เข้าสู่ระบบ
Username
Password
เข้าสู่ระบบ

Login Home Page



Product List in Stock Page

รายการสินค้า

เพิ่มสินค้า

กระเป๋าสะพาย SAMSING

กระเป๋าสะพาย เท่ๆ คูลๆ ชิคๆ ตะมุตะมิ อุอิครุคริ จุ๊บุ เฟี้ยวฟริป ป๊ับๆ

ราคา500บาท| **จำนวน** 30

แก้ไขข้อมูล ลบสินค้า

Coolgatte ยาสีฟัน

ยาสีฟัน Coolgatte คนใช้ เท่เท่ ชิดิ้งเมโป้ง รวย!!

ราคา100บาท| **จำนวน** 50

แก้ไขข้อมูล ลบสินค้า

เสื้อยืด sa-did-sa

เสื้อยืด sa-did-sa อ๊ะอ๋าาาา ใส่แล้วเซ็กซี่

ราคา180บาท| **จำนวน** 64

แก้ไขข้อมูล ลบสินค้า

Add Product Page

ลงขายสินค้า

Choose File huf-converse-pr...skidgrip-1.jpg

ชื่อสินค้า

รายละเอียดสินค้า

Update Product Page

แก้ไขข้อมูลสินค้า

Choose File No file chosen

ชื่อสินค้า

Coolgatte ยาสีฟัน

รายละเอียดสินค้า

ยาสีฟัน Coolgatte คนใช้ เท็เท่ ชิตังเม่

API Endpoint Name

Resource	HTTP Method	Description
/purchaseorder/{id}	GET	Get a selected purchase order's information
/purchaseorder/{id}/cancel	PATCH	Cancel a selected purchase order
/payslip/unpaid	GET	Get list of non-pays pay slip
/payslip/{poNumber}	GET	Get pay slip file
/payslip/paid/{poNumber}	PATCH	Paid the pay slip
/bill/{id}	GET	Get a bill's information

Request Format

GET /purchaseorder

Header

Accept: "application/json“

Response Format

Header

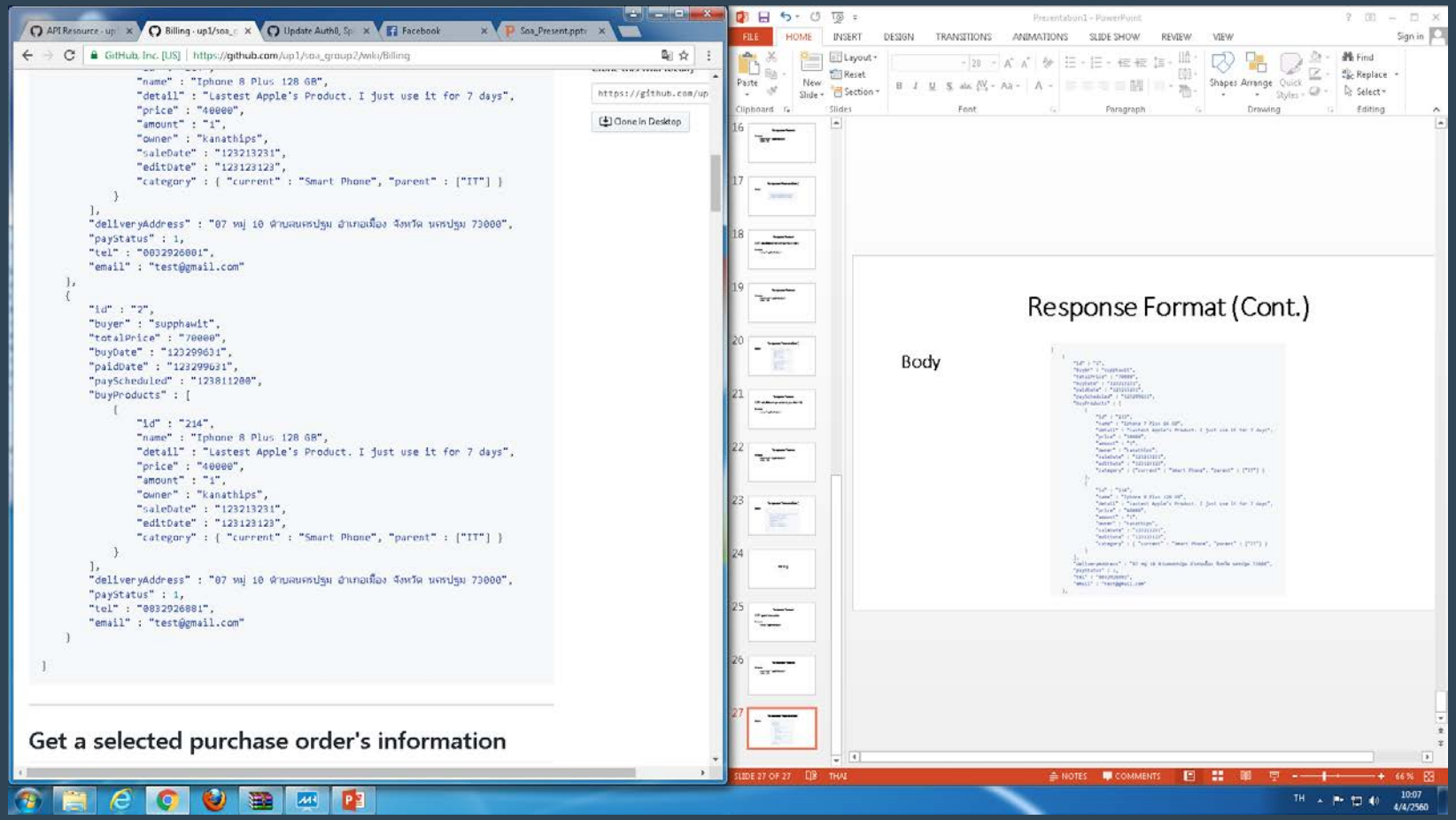
content-type: "application/json"

status: 200

Body


```
[
    {
        "id" : "1",
        "buyer" : "supphawit",
        "totalPrice" : "70000",
        "buyDate" : "123213231",
        "paidDate" : "123213231",
        "payScheduled" : "123299631",
        "buyProducts" : [
            {
                "id" : "213",
                "name" : "Iphone 7 Plus 64 GB",
                "detail" : "Lastest Apple's Product. I just use it for 7 days",
                "price" : "30000",
                "amount" : "1",
                "owner" : "kanathips",
                "saleDate" : "123213231",
                "editDate" : "123123123",
                "category" : {"current" : "Smart Phone", "parent" : ["IT"] }
            },
            {
                "id" : "214",
                "name" : "Iphone 8 Plus 128 GB",
                "detail" : "Lastest Apple's Product. I just use it for 7 days",
                "price" : "40000",
                "amount" : "1",
                "owner" : "kanathips",
                "saleDate" : "123213231",
                "editDate" : "123123123",
                "category" : { "current" : "Smart Phone", "parent" : ["IT"] }
            }
        ],
        "deliveryAddress" : "87 หมู่ 10 ตำบลนครปฐม อำเภอเมือง จังหวัด นครปฐม 73000",
        "payStatus" : 1,
        "tel" : "0832926881",
        "email" : "test@gmail.com"
    },
```

Response Format (Cont.)



Request Format

GET /purchaseorder/{id}

Header

Accept: "application/json“

Response Format

Header

content-type: "application/json"

status: 200

Body


```
{
    "id" : "2",
    "buyer" : "supphawit",
    "totalPrice" : "40000",
    "buyDate" : "123299631",
    "paidDate" : "123299631",
    "payScheduled" : "123811200",
    "buyProducts" : [
        {
            "id" : "214",
            "name" : "Iphone 8 Plus 128 GB",
            "detail" : "Lastest Apple's Product. I just use it for 7 days",
            "price" : "40000",
            "amount" : "1",
            "owner" : "kanathips",
            "saleDate" : "123213231",
            "editDate" : "123123123",
            "category" : { "current" : "Smart Phone", "parent" : ["IT"] }
        }
    ],
    "deliveryAddress" : "87 หมู่ 10 ตำบลนครปฐม อำเภอเมือง จังหวัด นครปฐม 73000",
    "payStatus" : 0,
    "tel" : "0832926881",
    "email" : "test@gmail.com"
}
```

Request Format

PUT /purchaseorder/{id}

Header

Content-type: "application/json"

Response Format

Header

content-type: "text/plain; charset=utf-8"

status: 200

Body

2 // Purchase order's id

Request Format

PATCH /purchaseorder/{id}/cancel

Header

Accpet: "text/plain; charset=utf-8"

Response Format

Header

content-type: "text/plain; charset=utf-8"

status: 200

Body

2 // Purchase order's id

Request Format

POST /purchaseorder

Header

Content-type: "application/json"

Request Format (Cont.)

Body

```
{
    "buyer" : "salinee",
    "buyProducts" : [
        {
            "id" : "213",
            "name" : "Iphone 7 Plus 64 GB",
            "detail" : "Lastest Apple's Product. I just use it for 7 days",
            "price" : "30000",
            "amount" : "1",
            "owner" : "kanathips",
            "saleDate" : "123213231",
            "editDate" : "123123123",
            "category" : {"current" : "Smart Phone", "parent" : ["IT"] }
        },
    ],
    "deliveryAddress" : "40/63 หมู่ 5 แขวงกระทุ่มราย เขตหนองจอก กทม. 10530",
    "tel" : "0949582504",
    "email" : "oil@gmail.com"
}
```

Response Format

Header

content-type: "text/plain; charset=utf-8"

status: 200

Body

3 // Purchase order's id

Request Format

POST /purchaseorder

Header

Accept: "application/json"

Response Format

Header

content-type: "text/plain; charset=utf-8"

status: 200

Body


```
[
    {
        "id": 3,
        "buyer": "kanathip",
        "buyDate" : "1491233159 ",
        "paidDate" : null,
        "totalPrice" : "80000",
        "buyProducts" :
        [
            {
                "id" : "214",
                "name" : "Iphone 8 Plus 128 GB",
                "detail" : "Lastest Apple's Product. I just use it for 7 days",
                "price" : "40000",
                "amount" : "2",
                "owner" : "kanathips",
                "saleDate" : "123213231",
                "editDate" : "123123123",
                "category" : { "current" : "Smart Phone", "parent" : ["IT"] }
            }
        ],
        "deliveryAddress" : "40/63 หมู่ 5 แขวงกระทุ่มราย เขตหนองจอก กทม. 10530",
        "payStatus" : 0,
        "tel" : "0951140289",
        "email" : "new@gmail.com"
    }
]
```

Request Format

GET /payslip/paid

Header

Accept: "application/json"

Response Format

Header

content-type: "text/plain; charset=utf-8"

status: 200

Response Format (Cont.)

Body


```
[
    {
        "id" : "1",
        "buyer" : "supphawit",
        "totalPrice" : "70000",
        "buyDate" : "123213231",
        "paidDate" : "123213231",
        "payScheduled" : "123299631",
        "buyProducts" : [
            {
                "id" : "213",
                "name" : "Iphone 7 Plus 64 GB",
                "detail" : "Lastest Apple's Product. I just use it for 7 days",
                "price" : "30000",
                "amount" : "1",
                "owner" : "kanathips",
                "saleDate" : "123213231",
                "editDate" : "123123123",
                "category" : {"current" : "Smart Phone", "parent" : ["IT"] }
            },
            {
                "id" : "214",
                "name" : "Iphone 8 Plus 128 GB",
                "detail" : "Lastest Apple's Product. I just use it for 7 days",
                "price" : "40000",
                "amount" : "1",
                "owner" : "kanathips",
                "saleDate" : "123213231",
                "editDate" : "123123123",
                "category" : { "current" : "Smart Phone", "parent" : ["IT"] }
            }
        ],
        "deliveryAddress" : "87 หมู่ 10 ตำบลนครปฐม อำเภอเมือง จังหวัด นครปฐม 73000",
        "payStatus" : 1,
        "tel" : "0832926881",
        "email" : "test@gmail.com"
    },
```

Response Format (Cont.)


```
    {
        "id" : "2",
        "buyer" : "supphawit",
        "totalPrice" : "70000",
        "buyDate" : "123299631",
        "paidDate" : "123299631",
        "payScheduled" : "123811200",
        "buyProducts" : [
            {
                "id" : "214",
                "name" : "Iphone 8 Plus 128 GB",
                "detail" : "Lastest Apple's Product. I just use it for 7 days",
                "price" : "40000",
                "amount" : "1",
                "owner" : "kanathips",
                "saleDate" : "123213231",
                "editDate" : "123123123",
                "category" : { "current" : "Smart Phone", "parent" : ["IT"] }
            }
        ],
        "deliveryAddress" : "87 หมู่ 10 ตำบลนครปฐม อำเภอเมือง จังหวัด นครปฐม 73000",
        "payStatus" : 1,
        "tel" : "0832926881",
        "email" : "test@gmail.com"
    }

]
```

Request Format

GET /payslip/outoftime

Header

Accept: "application/json"

Response Format

Header

content-type: "text/pla

status: 200

Body


```
[
    {
        "id": 3,
        "buyer": "kanathip",
        "buyDate" : "1491233159 ",
        "paidDate" : null,
        "totalPrice" : "80000",
        "buyProducts" :
        [
            {
                "id" : "214",
                "name" : "Iphone 8 Plus 128 GB",
                "detail" : "Lastest Apple's Product. I just use it for 7 days",
                "price" : "40000",
                "amount" : "2",
                "owner" : "kanathips",
                "saleDate" : "123213231",
                "editDate" : "123123123",
                "category" : { "current" : "Smart Phone", "parent" : ["IT"] }
            }
        ],
        "deliveryAddress" : "40/63 หมู่ 5 แขวงกระทุ่มราย เขตหนองจอก กทม. 10530",
        "payStatus" : 2,
        "tel" : "0951140289",
        "email" : "new@gmail.com"
    },
]
```

Request Format

GET /payslip/{poNumber}

Header

Accept: "application/json"

Response Format

Header

content-type: "application/pdf"

status: 200

Body

Pay Slip File // (*.pdf)

Request Format

PATCH /payslip/paid/{poNumber}

Header

Accept: "text/plain; charset=utf-8"

Response Format

Header

content-type: "text/plain; charset=utf-8"

status: 200

Body

3 // Purchase order’s id

Resource	HTTP Method	Description
/product	POST	Create additional product in stock
/product/{id}	PUT	Update information of stocked product
/product/category/{categoryName}	GET	Get a list of products base on category
/product/image/{productId}	GET	Get image of product
/category	GET	Get a list of product's categories
/category/{name}	PUT	Modify a selected category's information

Request Format

GET /product

Header

Accept: "application/json“

Response Format

Header

content-type: "application/json"

status: 200

Body


```
[
    {
        "id": "58c95380198e9228f7e4c19e",
        "name": "Nokia Avenger 4000",
        "detail": "Captain Swear Police edition",
        "price": 10900,
        "amount": 420,
        "owner": "Stan Lee",
        "saleDate": 1489589120,
        "editDate": 1489589120,
        "category":
        {
            "id": "58c946f3198e251b73ecd1ac",
            "name": "Electronic Accessory",
            "childs": ["Backup Battery"],
            "parents": ["IT"]
        }
    }
]
```

Request Format

POST /product

Header

Accept: "application/json“

Response Format

Header

content-type: "application/json"
status: 200

Body


```
{
    "name": "Samsung Ga",
    "detail": "Captain Swear Police edition",
    "price": 10900,
    "amount": 420,
    "owner": "Stan Lee",
    "saleDate": 1489589120,
    "editDate": 1489589120,
    "category":
    {
        "id": "58c946f3198e251b73ecd1ac",
        "name": "Electronic Accessory",
        "childs": ["Backup Battery"],
        "parents": ["IT"]
    }
}
```

Request Format

GET /product/{id}

Header

Accept: "application/json“

Response Format

Header

content-type: "application/json"

status: 200

Body


```
{
    "id": "58c95380198e9228f7e4c19e",
    "name": "Nokia Avenger 4000",
    "detail": "Captain Swear Police edition",
    "price": 10900,
    "amount": 420,
    "owner": "Stan Lee",
    "saleDate": 1489589120,
    "editDate": 1489589120,
    "category":
    {
        "id": "58c946f3198e251b73ecd1ac",
        "name": "Electronic Accessory",
        "childs": ["Backup Battery"],
        "parents": ["IT"]
    }
}
```

Request Format

PUT /product/{id}

Header

Accept: "application/json“

Response Format

Header

content-type: "application/json"

status: 200

Body


```
{
    "name": "Nokia Avenger 4000",
    "detail": "Captain Swear Police edition",
    "price": 15000,
    "amount": 420,
    "owner": "Stan Lee",
    "saleDate": 1489589120,
    "editDate": 1489589120,
    "category":
    {
        "id": "58c946f3198e251b73ecd1ac",
        "name": "Electronic Accessory",
        "childs": ["Backup Battery"],
        "parents": ["IT"]
    }
}
```

Request Format

DELETE/product/{id}

Header

Accept: "text/plain; charset=utf-8"

Response Format

Header

Content-type: "text/plain; charset=utf-8"

Status: 200

Body

58c95380198e9228f7e4c19e // Product’s id

Request Format

POST /product/image?productId={id}

Header

Content-type: "multipart/form-data“

Body

Product's Image

Response Format

Header

Content-type: "text/plain; charset=utf-8"

Status: 201

Body

58c95380198e9228f7e4c19e // Product’s id

Request Format

GET /product/image/{productId}

Header

Accept: "image/jpeg"

Response Format

Header

Content-type: "image/jpeg"

Content-Disposition: attachment; filename="{filename.jpg}"

Status: 200

Body

Image of Product

Request Format

GET /product/category/{categoryName}

Header

Accept: "application/json“

Response Format

Header

content-type: "application/json"

status: 200

Response Format (Cont.)

Body


```
[
    {
        "id": "58d6310d20e1c10c985bf3ba",
        "name": "Samsung Galaxy Andromeda",
        "detail": "Mass Effect Andromeda Limited Edition",
        "price": 29000,
        "amount": 300,
        "owner": "Samsung Electronics Co., Ltd.",
        "saleDate": 1490432269,
        "editDate":  1490433144,
```

Response Format (Cont.)


```
    "category":   {
       "id": "58d62a7720e1c10c985bf3b3",
       "name": "Mobile Phone",
       "children": [ "" ],
       "parents": [ "Mobile Phone and Tablet" ]
       }
    }
]
```

Request Format

POST /category

Header

Content-type : "application/json“

Request Format (Cont.)

Body

```
{
   "name" : "Mobile Accessory",
   "children" : ["Backup Battery", "Battery and Charging Accessory", "Mobile Case” ],
   “parents" : [ "Mobile Phone and Tablet“ ]
}
```

Response Format

Header

content-type: "application/json"

status: 201

Body

```
{
  “58d62a8320e1c10c985bf3b5”
}
```

Request Format

GET /product/category/{categoryName}

Header

Accept: "application/json“

Response Format

Header

content-type: "application/json"

status: 200

Body


```
[{
   "id": "58d62a7220e1c10c985bf3b2",
   "name": "Mobile Phone and Tablet",
   "children": [ "Mobile Phone", "Tablet", "Mobile Accessory“ ],
   "parents": [ "" ]
}]
```

Request Format

GET /category/{categoryName}

Header

Accept: "application/json“

Response Format

Header

content-type: "application/json"

status: 200

Body


```
{
   "id": "58d62a7720e1c10c985bf3b3",
   "name": "Mobile Phone",
   "children": [ “” ],
   "parents": [ “Mobile Phone and Tablet" ]
}
```

Request Format

PUT /category/{categoryName}

Header

Accept: "application/json“

Body

```
{
   "name": "Mobile Phone",
   "children": [ “iPhone”, “Android” ],
   "parents": [ “Mobile Phone and Tablet" ]
}
```

Response Format

Header

content-type: "application/json"

status: 200

Body

{

“58d62a7720e1c10c985bf3b3”

}

Request Format

DELETE /category/{categoryName}

Header

Accept: "application/json“

Response Format

Header

content-type: "application/json"

status: 200

Body

{

“58d62a7720e1c10c985bf3b3”

}

Sale

Resource	HTTP Method	Description
/sale/{id}	GET	Get selling item information
/cart	POST	Create new cart
/cart/{id}	GET	Get cart information
/buyhistory	POST	Create a buy history
/buyhistory/{memberId}/{poNumber}	GET	Get an information of selected purchase order
/salehistory/member/{owner}	GET	Get a sale history of selected member

Request Format

GET /product

Header

Accept: "application/json“

Response Format

Header

content-type: "application/json"

status: 200

Body


```
[
    {
        "id": "58c95380198e9228f7e4c19e",
        "name": "Nokia Avenger 4000",
        "detail": "Captain Swear Police edition",
        "price": 10900,
        "amount": 420,
        "owner": "Stan Lee",
        "saleDate": 1489589120,
        "editDate": 1489589120,
        "category":
        {
            "id": "58c946f3198e251b73ecd1ac",
            "name": "Electronic Accessory",
            "childs": ["Backup Battery"],
            "parents": ["IT"]
        }
    }
]
```

Request Format

POST /product

Header

Accept: "application/json“

Response Format

Header

content-type: "application/json"
status: 200

Body


```
{
    "name": "Samsung Ga",
    "detail": "Captain Swear Police edition",
    "price": 10900,
    "amount": 420,
    "owner": "Stan Lee",
    "saleDate": 1489589120,
    "editDate": 1489589120,
    "category":
    {
        "id": "58c946f3198e251b73ecd1ac",
        "name": "Electronic Accessory",
        "childs": ["Backup Battery"],
        "parents": ["IT"]
    }
}
```

Request Format

GET /product/{id}

Header

Accept: "application/json“

Response Format

Header

content-type: "application/json"

status: 200

Body


```
{
    "id": "58c95380198e9228f7e4c19e",
    "name": "Nokia Avenger 4000",
    "detail": "Captain Swear Police edition",
    "price": 10900,
    "amount": 420,
    "owner": "Stan Lee",
    "saleDate": 1489589120,
    "editDate": 1489589120,
    "category":
    {
        "id": "58c946f3198e251b73ecd1ac",
        "name": "Electronic Accessory",
        "childs": ["Backup Battery"],
        "parents": ["IT"]
    }
}
```

Request Format

PUT /product/{id}

Header

Accept: "application/json“

Response Format

Header

content-type: "application/json"

status: 200

Body


```
{
    "name": "Nokia Avenger 4000",
    "detail": "Captain Swear Police edition",
    "price": 15000,
    "amount": 420,
    "owner": "Stan Lee",
    "saleDate": 1489589120,
    "editDate": 1489589120,
    "category":
    {
        "id": "58c946f3198e251b73ecd1ac",
        "name": "Electronic Accessory",
        "childs": ["Backup Battery"],
        "parents": ["IT"]
    }
}
```

Request Format

DELETE/product/{id}

Header

Accept: "text/plain; charset=utf-8"

Response Format

Header

Content-type: "text/plain; charset=utf-8"

Status: 200

Body

58c95380198e9228f7e4c19e // Product’s id

Request Format

POST /product/image?productId={id}

Header

Content-type: "multipart/form-data“

Body

Product's Image

Response Format

Header

Content-type: "text/plain; charset=utf-8"

Status: 201

Body

58c95380198e9228f7e4c19e // Product’s id

Request Format

GET /product/image/{productId}

Header

Accept: "image/jpeg"

Response Format

Header

Content-type: "image/jpeg"

Content-Disposition: attachment; filename="{filename.jpg}"

Status: 200

Body

Image of Product

Resource	HTTP Method	Description
/notification/{id}	GET	get notification information
/notification/bill	POST	Sent a bill notification email
/notification/payslip	POST	Sent a pay slip email

Resource	HTTP Method	Description
/member/{id}	GET	Get member information
/member/forgotpassword	POST	Use forgot password function
/member/signin	GET	Login
/member/profile	PUT	Update member profile

Request Format

POST /member/signup

Header

Accept: "application/json“

Body

```
{
   "username" : “user”,
   "password" : “username”,
   "email" : “soa@kmitl.ac.th”
}
```

Response Format

Header

content-type: "application/json"

status: 201

Body

```
{
    username
}
```

Request Format

GET /member/signin

Parameter

username

password

Response Format

Header

content-type: "application/json"

status: 200

Body

```
{
    username
}
```

Request Format

POST /cart

Parameter

userType

Header

Accept: "application/json“

Response Format

Header

content-type: "application/json"

status: 201

Body

{

“58d62a7720e1c10c985bf3b3”

}

Request Format

POST /cart/{cartId}

Parameter

productId

amount

Header

Accept: "application/json“

Response Format

Header

content-type: "application/json"

status: 201

Body

{

“58d62a7720e1c10c985bf3b3”

}

Request Format

GET /cart/{cartId}

Header

Accept: "application/json“

Response Format

Header

content-type: "application/json"

status: 200

Body


```
{
   "id": "58e2c8acfa559cc1cb4d99e4",
   "cartType": 0,
   "ownerName": "anonymous",
   "products": [  list of products  ],
   "createDate": 1491257516
}
```

Request Format

PUT /cart/{cartId}

Header

Accept: "application/json“

Body


```
{
  "id": "58e2c8acfa559cc1cb4d99e4",
  "cartType": 0,
  "ownerName": "anonymous",
  "products": [  list of products  ],
  "createDate": 1491257516
}
```

Response Format

Header

content-type: "application/json"

status: 200

Thank you