# Daily Report

## Get Current Report

* URL: api/daily\_report/today
* METHOD: GET
* Status:
* “200”: success

## Filter Search Daily Report

* URL: api/daily\_report?from\_date=&to\_date=&page\_size
* METHOD: GET
* Status:
* “200”: success

## Calculate Expense, Income, In-items, Out-items

* URL: api/daily\_report/sum?from\_date=&to\_date=
* METHOD: GET
* Status:
* “200”: success

# Item Type

## Create

* URL: api/item\_group
* METHOD: POST
* Data:

{

“item\_type\_name” : “Motor”,

“first\_note”:””,

“second\_note”:””,

“third\_note”:””,

“fourth\_note”:””,

}

* Status:
* “200”: success
* “301”: Duplicate Name

## Update

* URL: api/item\_group/{id}
* METHOD: PUT
* Data:

{

“item\_type\_name” : “Motor”

“first\_note”:””,

“second\_note”:””,

“third\_note”:””,

“fourth\_note”:””,

}

* Status:
* “200”: success
* “301”: Duplicate Name

## Delete:

* URL: api/item\_group/{id}
* METHOD: DELETE
* Status:
* “200”: success
* “210”: Can not delete

## Deactivate

* URL: api/item\_group/deactivate/{id}
* METHOD: PUT
* Status:
* “200”: success

## Activate

* URL: api/item\_group/activate/{id}
* METHOD: PUT
* Status:
* “200”: success

## Filter Search

* URL: /api/item\_group?search=&status=&page\_size=15

Status : 1 for active, 0 for inactive. Leave empty to get all data.

* METHOD: GET
* Status:
* “200”: success

## Item Type History

* URL: /api/item\_group/history/{id of item\_type}?from\_date=&to\_date=&action=&page\_size=10
* action: 1 = create, 2 = update, 3 = delete, 4 = activate, 5 = deactivate
* METHOD: GET
* Status:
* “200”: success

# Invoice

## Filter Search

* URL: /api/invoice?search=023&option=3&status=&page\_size=1
* option: is search option. 1 for search by invoice number, 2 for search by customer name, 3 for search by customer phone.
* status: is the status of invoice. 1 for មិនទានលស់, 2 for ទូទាត់ហើយ, 3 for យកដាច់, left blank to get all
* METHOD: GET
* Status:
* “200”: success

## Get One Invoice Detail

* URL: /api/ invoice/{id}
* METHOD: GET
* Status:
* “200”: success

## Create New Invoice

* URL: /api/invoice
* METHOD: POST
* Data:

{

"customer\_name": "Johnny",

"customer\_phone": "023221121",

"grand\_total": 3000,

"interests\_rate": 5,

"invoice\_items": [

{

"item\_type\_id": 1,

"first\_feature": "Honda Dream",

"second\_feature": "Black",

"third\_feature": "2AH-1035",

"fourth\_feature": "Skull Sticker"

},

{

"item\_type\_id": 1,

"first\_feature": "Honda Dream",

"second\_feature": "Black",

"third\_feature": "2AH-1035",

"fourth\_feature": "Skull Sticker"

} ]

}

* Status:
* “200”: success
* “400”: Lack Information

## Edit Old Invoice

* URL: /api/invoice/{id}
* METHOD: PUT
* Data:

{

"customer\_name": "Johnny (Edited)",

"customer\_phone": "023211112 (Edited)",

"interests\_rate": 7,

"new\_items": [

{

"item\_type\_id": 1,

"first\_feature": "Honda Dream",

"second\_feature": "Black",

"third\_feature": "2AH-1035",

"fourth\_feature": "Skull Sticker"

},

{

"item\_type\_id": 1,

"first\_feature": "Honda Dream",

"second\_feature": "Black",

"third\_feature": "2AH-1035",

"fourth\_feature": "Skull Sticker"

}

],

"modify\_items": [

{

"id": 2,

"item\_type\_id": 1,

"first\_feature": "Honda Dream (Edited)",

"second\_feature": "Black (Edited)",

"third\_feature": "2AH-1035 (Edited)",

"fourth\_feature": "Skull Sticker (Edited)"

},

{

"id": 5,

"item\_type\_id": 1,

"first\_feature": "Honda Dream (Edited)",

"second\_feature": "Black (Edited)",

"third\_feature": "2AH-1035 (Edited)",

"fourth\_feature": "Skull Sticker (Edited)"

}

],

"delete\_items": [

0, 1, 2, 3, 4 🡨 Id of invoice item

]

}

* Status:
* “200”: success
* “401”: Invoice can not be edit

## Invoice Payment and Items Transaction

* URL: api/invoice/payment/{invoice\_id}
* METHOD: PUT
* Body:

{

"interests\_payment": 30, បង់ការប្រាក់

"cost\_payment": 1000,​ បង់ថ្លៃដើម

"add\_cost": 0, ថែមថ្លៃដើម

"add\_items": [

{

"item\_type\_id": 1,

"first\_feature": "HondaDream",

"second\_feature": "Black",

"third\_feature": "2AH-1035",

"fourth\_feature": "SkullSticker"

},

{

"item\_type\_id": 1,

"first\_feature": "HondaDream",

"second\_feature": "Black",

"third\_feature": "2AH-1035",

"fourth\_feature": "SkullSticker"

}

],

"depreciate\_items": [

14,​ id of item

15,

16

]

}

* Status:
* “200”: Payment Success
* “300”: invoice can not do any transaction

## Took Invoice យកដាច់

* URL: api/invoice/took/{invoice\_id}
* METHOD: PUT
* Status:
* “200”: Took Invoice Success
* “300”: Invoice can not be took

## Transaction History For An Invoice

This use to get all history for one ivoice, include change, transaction, and items transaction for an invoice.

* URL: api/invoice/transaction\_history/{invoice\_id}?from\_date=&to\_date=&action=1&group=1&page\_size=15
* There are 2 groups:
* 1 for INVOICE, and in invoice there are actions:
* 1 = បង្កើត, 2 = កែប្រែ, 6 = បង់ការប្រាក់, 7 = បង់ថ្លៃដើម, 8 = ថែមប្រាក់ដើម
* 4 for INVOICE ITEMS, and in invoice items there is also action:
* 11 = បន្ថែម, 10 = លក់, 12 = លស់
* METHOD: GET
* Status:
* “200”: success

## Get Over Due Invoices (60 days +)

Use to get invoice that expire-date is over 60 days and more.

* URL: api/invoices/over\_due?page\_size=
* METHOD: GET
* Status:
* “200”: success

# Invoice Items

## Filter Search All Item

* URL: api/item?search=honda,black,,&item\_type=&status=&page\_size=1
* **Status**: 1 for មិនទាន់លស់, 2 for លស់ហើយ, 3 for យកដាច់, 4 for លក់ចេញ
* **Search**: every feature or note will be separate by comma “,”; and the first string will be the id of invoice and it can be empty. So the user can search for item that belong to that invoice.

Structure: “invoice\_id”,”first\_feature”,”second\_feature”,”third\_feature”,”fourth\_featre”

Example: 1,honda dream,2AH-1234,Black,

Or leave it empty for any field that empty 🡺 [,honda dream,,black,]

* **Item\_type**: accept id of item type.
* **Status**: can accept multiple, status will be separate by comma “,”.

Example: status=1,2,3

* METHOD: GET
* Status:
* “200”: success

## Items for One Invoice

* URL: api/item/invoice/{invoice\_id}?status=
* Status: 1 for មិនទាន់លស់, 2 for លស់ហើយ, 3 for យកដាច់, 4 for លក់ចេញ
* METHOD: GET
* Status:
* “200”: success

## Sale Item

* URL: api/item/sale/{item\_id}
* METHOD: PUT
* Body:

{

“sale\_price”:200

}

* Status:
* “200”: success.
* “300”: item can not be sale.

# User

## Find User

* URL: api/user/find/{user\_id}
* METHOD: GET
* Status:
* “200”: success

## Filter Search

* URL: api/user/search?search\_option=&search=&status=&page\_size=
* Search\_option: 1 search by លេខសម្គាល់, 2 search by ឈ្មោះ, 4 search by លេខទូរស័ព្ទ
* Status: 1 for active, 0 for deactive.
* METHOD: GET
* Status:
* “200”: success

## User Modify History

Use to get information of user history, that has been create, or modify by admin.

* URL: api/user/user\_history/{user\_id}?from\_date=&to\_date=&action=&page\_size=
* action: 1 = បង្កើត, 2 = កែប្រែ, 4 = Activate, 5 = Deactivate, 13 = Change Password
* Method: GET
* Status:
* “200”: success

## User Action History

Use to get audit trail of that user.

* URL: api/user/action\_history/{user\_id}?from\_date=&to\_date=&group=&action=&page\_size=
* Group and Action:
* 1 for Invoice:
* action: 1 = បង្កើត, 2 = កែប្រែ, 6 = បង់ការប្រាក់, 7 = បង់ថ្លៃដើម, 8 = ថែមប្រាក់ដើម
* 2 for Item Type:
* action: 1 = create, 2 = update, 3 = delete, 4 = activate, 5 = deactivate
* 3 for User:
* action: 1 = create, 2 = update, 3 = delete, 4 = activate, 5 = deactivate, 13 = change password
* 4 for Items:
* action: 11 = បន្ថែម, 10 = លក់, 12 = លស់
* 18 for Security
* action: 14 = login, 15 = Logout
* METHOD: GET
* Result:
* “200”: success

## Create User

* URL: api/user/create
* METHOD: POST
* Body:

{

"admin\_password":"",

"user\_info":{

"user\_no":"", <-require

"name":"", <-require

"phone\_number":"",

"note":"",

"email":"", <- this is username

"password":"" <-require

}

}

* Status:
* “200”: success
* “300”: duplicate username
* “301”: duplicate user number
* “400”: lack information
* “401”: not admin, or invalid password

## Edit User

* URL: api/user/edit/{user\_id}
* METHOD: PUT
* Body:

{

"admin\_password":"",

"user\_info":{

"user\_no":"", <- when delete\_able is false, can not change this

"name":"",

"phone\_number":"",

"note":"",

"email":"", <-can change username

}

}

* Status:
* “200”: success
* “300”: Duplicate username
* “301”: Duplicate user number
* “401”: user not admin, or invalid admin password

## Delete User

* URL: api/user/delete/{user\_id}
* METHOD: DELTE
* Body:

{

"admin\_password":"",

}

* Status:
* “200”: success
* “400”: can not delete user
* “401”: user not admin, or invalid admin password

## Deactivate User

* URL: api/user/deactivate/6
* METHOD: PUT
* Body:

{

"admin\_password":"",

}

* Status:
* “200”: success
* “401”: user not admin, or invalid admin password

## Activate User

* URL: api/user/activate/6
* METHOD: PUT
* Body:

{

"admin\_password":"",

"user\_info":{

"new\_password":""

}

}

* Status:
* “200”: success
* “401”: user not admin, or invalid admin password

## Reset Own Password (Still Error)

## Admin Reset User Password

* URL: api/user/admin\_reset\_user\_password/{user\_id}
* METHOD: PUT
* Body:

{

"admin\_password":"",

"user\_info":{

"new\_password":""

}

}

* Status:
* “200”: success
* “401”: user not admin, or invalid admin password

# User Audit Trail and Change Log

This use to get action of every user on the system, and value that they have modified

* URL: api/audit\_trail/search?from\_date=&to\_date=&group=&action=&page\_size=
* Group and Action:
* 1 for Invoice:
* action: 1 = បង្កើត, 2 = កែប្រែ, 6 = បង់ការប្រាក់, 7 = បង់ថ្លៃដើម, 8 = ថែមប្រាក់ដើម
* 2 for Item Type:
* action: 1 = create, 2 = update, 3 = delete, 4 = activate, 5 = deactivate
* 3 for User:
* action: 1 = create, 2 = update, 3 = delete, 4 = activate, 5 = deactivate, 13 = change password
* 4 for Items:
* action: 11 = បន្ថែម, 10 = លក់, 12 = លស់
* 18 for Security
* action: 14 = login, 15 = Logout
* METHOD: GET
* Result:
* “200”: success