Drive Me There
RESTful Web Service Specification

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Contents

1. Login

Service Name	Login
Source Table	security_user
Target Table	security_user
End Point	http://localhost/dmt-rest/public/api/v1/security/user/login
Resource	Localhost

Request Data	{
	"user_code":"fauzi"
	}

Method	POST
Headers	Authorization Basic ZmF1emk6ZmF1emkxMjM=
Content-Type	application/json

Response

Parameter	Parameter Direction	Parameter Type	Is Mandatory
Status_code	OUT	Integer	YES
Message	OUT	String	NO
Description	OUT	String	NO

```
{
    "userCode": "fauzi",
    "groupId": 1,
    "item": [
        {
            "code": "FNC001",
            "name": "DASHBOARD",
            "link": null,
            "order": 0,
            "level": 0,
            "parent": 0,
            "parent_item": []
        },
        {
            "code": "FNC002",
            "name": "Direct Selling",
            "link": null,
            "order": 0,
            "level": 0,
            "parent": 0,
            "parent_item": []
        }
            ],
    "statusCode": 200,
    "message": "security_user",
    "description": "success"
}
```

2. Select All Users

Service Name	Select Users
Source Table	security_user
Target Table	security_user
End Point	http://localhost/dmt-rest/public/api/v1/security/user/select/all
Resource	Localhost
Request Data	Null
Method	GET
Headers	Authorization Basic ZmF1emk6ZmF1emkxMjM=

Response

Parameter	Parameter Direction	Parameter Type	Is Mandatory
Status_code	OUT	Integer	YES
Message	OUT	String	NO
Description	OUT	String	NO

```
    {
        "data": {
            "security_user": [
                {
                    "id": 39,
                    "user_code": "fauzi",
                    "description": null,
                    "user_expired_date": null,
                    "user_login_status": 1,
                    "user_failed_login": null,
                    "user_first_login": "2016-01-29 19:11:25",
                    "user_last_login": "2016-01-29 12:11:25",
                    "group_id": 1
                },
                {
                    "id": 40,
                    "user_code": "syahrial",
                    "description": null,
                    "user_expired_date": null,
                    "user_login_status": null,
                    "user_failed_login": null,
                    "user_first_login": "2016-01-25 10:17:20",
                    "user_last_login": null,
                    "group_id": null
                }
            ]
        },
```

```
            "statusCode": 200,
            "message": "Success",
            "description": "Success select all data"
        }
```

3. Select Users Based On Name or Code

Service Name	Select Users
Source Table	security_user
Target Table	security_user
End Point	http://localhost/dmt-rest/public/api/v1/security/user/select/name/fauzi
Resource	Localhost
Request Data	Null
Method	GET
Headers	Authorization Basic ZmF1emk6ZmF1emkxMjM=

Response

Parameter	Parameter Direction	Parameter Type	Is Mandatory
Status_code	OUT	Integer	YES
Message	OUT	String	NO
Description	OUT	String	NO

```
        {
          "data": {
            "security_user": [
              {
                "id": 39,
                "user_code": "fauzi",
                "description": null,
                "user_expired_date": null,
                "user_login_status": 1,
                "user_failed_login": null,
                "user_first_login": "2016-01-29 19:11:25",
                "user_last_login": "2016-01-29 12:11:25",
                "group_id": 1
              }
            ]
          },
          "statusCode": 200,
          "message": "Success",
          "description": "Success select all data"
```

```
            }
```

4. Select User Paged (Filterable & Sortable)

Service Name	Select Users Pageable
Source Table	security_user
Target Table	security_user
End Point	http://localhost/motionpos-rest/public/api/v1/merchandise/type/select/pageable
Resource	Localhost

Request Data	{
	  "item_number": "5",
	  "filter_key": "code",
	  "filter_value": "bk",
	  "sorting_key": "code",
	  "sorting_direction": "asc"
	}

Method	POST
Headers	Authorization Basic ZmF1emk6ZmF1emkxMjM=
Content-Type	application/json

Parameter	Parameter Direction	Parameter Type	Is Mandatory	Remarks
Item_number	IN	String	NO	Jumlah item record yang akan ditampikan per page
Filter_key	IN	String	NO	Kunci Filter yang akan dilakukan, berdasarkan field dalam tabel
Filter Value	IN	String	NO	Kunci Sorting yang akan dilakukan, berdasarkan field dalam table
Sorting Direction	IN	String	NO	Arah Sorting baik asc maupun desc

Contoh hanya filtering :
{
  "item_number": "5",
  "filter_key": "code",
  "filter_value": "bk",
  "sorting_key": "",
  "sorting_direction": ""
}				

```
Contoh hanya sorting :
{
  "item_number": "5",
  "filter_key": "",
  "filter_value": "",
  "sorting_key": "code",
  "sorting_direction": "asc"
}

Contoh filtering dan sorting :
{
  "item_number": "5",
  "filter_key": "code",
  "filter_value": "bk",
  "sorting_key": "code",
  "sorting_direction": "asc"
}
```

Response

Parameter	Parameter Direction	Parameter Type	Is Mandatory
Status_code	OUT	Integer	YES
Message	OUT	String	NO
Description	OUT	String	NO

```
{
    "total": 2,
    "per_page": "5",
    "current_page": 1,
    "last_page": 1,
    "next_page_url": null,
    "prev_page_url": null,
    "from": 1,
    "to": 4,
    "data": [
      {
        "id": 39,
        "user_code": "fauzi",
        "password":
"$2y$10$Olw6WCeI.D0g75pvqlT8mO343jg3BLJvCWZE4y2UZabC35K1J1uBO",
        "user_expired_date": null,
        "user_login_status": 1,
        "user_failed_login": null,
        "user_first_login": "2016-01-29 19:11:25",
        "user_last_login": "2016-01-29 12:11:25",
```

```
            "group_id": 1,
            "description": null,
            "status": null,
            "created_by_username": null,
            "created_by_id": null,
            "created_on": null,
            "modified_by_username": null,
            "modified_by_id": null,
            "modified_on": null
        },
        {
            "id": 40,
            "user_code": "syahrial",
            "password": "$2y$10$lqJTWXieylLW0PDx27CXg.HjGuj890bErIOz9gLDggx7a9gtadBoq",
            "user_expired_date": null,
            "user_login_status": null,
            "user_failed_login": null,
            "user_first_login": "2016-01-25 10:17:20",
            "user_last_login": null,
            "group_id": null,
            "description": null,
            "status": null,
            "created_by_username": null,
            "created_by_id": null,
            "created_on": null,
            "modified_by_username": null,
            "modified_by_id": null,
            "modified_on": null
        }
    ]
}
```

5. Show All Posts

Service Name	Show All Posts
Source Table	Trx_post
Target Table	Trx_post, trx_comment, trx_like
End Point	http://localhost/dmt-rest/public/api/v1/post/select/all
Resource	Localhost
Request Data	Null
Method	GET
Headers	Authorization Basic ZmF1emk6ZmF1emkxMjM=

Response

Parameter	Parameter Direction	Parameter Type	Is Mandatory
Status_code	OUT	Integer	YES
Message	OUT	String	NO
Description	OUT	String	NO

```json
{
    "data": {
      "post": [
        {
          "id": 1,
          "code": "POST1",
          "name": "POST_USER_1",
          "description": "Hello There, i am a post",
          "image_url": "image/post.jpg",
          "user_id": 1,
          "like_data": [
            {
              "id": 1,
              "code": "LIKE_1",
              "name": "LIKE_USER_1",
              "description": "LIKE",
              "user_id": 2,
              "post_id": 1,
              "comment_id": null
            },
            {
              "id": 2,
              "code": "LIKE_2",
              "name": "LIKE_USER_3",
              "description": "LIKE",
              "user_id": 3,
              "post_id": 1,
              "comment_id": null
            }
          ],
          "comment_data": [
            {
              "id": 1,
              "code": "CMT1",
              "name": "CMT_USER_1",
              "description": "Hallo Juga",
              "user_id": 2,
              "post_id": 1,
              "comment_id": null
            }
          ]
        }
      ]
```

```
        },
        "statusCode": 200,
        "message": "Success",
        "description": "Success select all data"
    }
```

6. Parameter Selection

Service Name	Parameter Selection
Source Table	Mst_application_parameter, mst_group_parameter
Target Table	Mst_application_parameter, mst_group_parameter
End Point	http://localhost/motionpos-rest/public/api/v1/application/parameter/select/group/app
Resource	Localhost

Request Data	{
	  "group_param_code": "sys_date",
	  "app_param_code": "report_date"
	}

Method	POST
Headers	Authorization Basic ZmF1emk6ZmF1emkxMjM=
Content-Type	application/json

Response

Parameter	Parameter Direction	Parameter Type	Is Mandatory
Status_code	OUT	Integer	YES
Message	OUT	String	NO
Description	OUT	String	NO

```
    [
      {
        "id": 2,
        "code": "report_date",
        "name": "1/12/2016",
        "description": "Date for report",
        "created_by_username": "admin",
        "group_parameter_id": 1,
        "created_by_id": null,
        "created_on": null,
        "modified_by_username": null,
        "modified_by_id": null,
        "modified_on": null
      }
    ]
```

7. Do Like

Service Name	Do Like
Source Table	trx_post, trx_like
Target Table	trx_post, trx_like
End Point	http://localhost/motionpos-rest/public/api/v1/like/dolike
Resource	Localhost

Request Data	{
	  "post_id = 1",
	  "comment_id = 1"
	}

Method	POST
Headers	Authorization Basic ZmF1emk6ZmF1emkxMjM=
Content-Type	application/json

Response

Parameter	Parameter Direction	Parameter Type	Is Mandatory
Status_code	OUT	Integer	YES
Message	OUT	String	NO
Description	OUT	String	NO