



Givit API

Implementation Guide and Definitions

Version V1 11/12/2016

Version Release Notes:

V1: Login(Module) : Register, Login, Logout and check Connection Status(deprecated)

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1.Outline and Overview

1.1 Overview

Givit API will be used for internal. Through this API, Mobile App(IPhone and Android devices) and Web Application can perform all the functions, such as Login, Post, Chat...

The API is organized as One Web Service for Now. Typically Mobile developer and Front End Developer will retrieve database and other information through this API.

PS: Be Aware use localhost:9000(tomcat setup), This will replace {hostname:portNumber} for your local environment. You could change your own local environment based on your own preference.

Givit API will provide API for external use such as its partner in the future.

2. Login Module

2.1 Register

EndPoint: https://{hostname:portNumber}/givit/v1/register

Method: POST

Body(JSON):

```
{
  "apiKey" : "test",
  "operator" : "test",
  "token" : "test",
  "params": [{
    "username": "chris",
    "password": "usa"
  }]
}
```

Response Code:

201 – Created

300 – User name exists

400 – Bad Request(password doesn't match minimum requirement)

500 – Server error

Response (JSON):

success:

```
{
  "code": "201",
  "message": "Success",
  "body": {
    "userId": 8,
    "token": "eyJhbGciOiJIUzUxMiJ9..... "
  }
}
```

fail:

```
{
  "code": "400",
  "message": "User name exists, Please try again or Click Forget Password",
  "body": null
}
```

2.2 Login

EndPoint: https://{hostname:portNumber}/givit/v1/sign-in

Method: POST

Body:

```
{
  "apiKey" : "test",
  "operator" : "test",
  "token" : "test",
  "params": [{
    "username": "chris",
    "password": "usa"
  }]
}
```

Response Code:

200 – success

401 – unauthorized.(username and password doesn't match)

500 – server error

Response(JSON):

success

```
{
  "code": "200",
  "message": "Success",
  "body": {
    "userId": 9,
    "token": "eyJhbGciOiJIUzUxMiJ9..."
  }
}
```

fail case 1:

```
{
  "code": "401",
  "message": "User name or password is invalid",
  "body": null
}
```

fail case 2:

```
{
  "code": "400",
  "message": "The User name doesn't exist",
  "body": null
}
```

2.3 Login By Social Media (This method will implement in Version 2)

EndPoint: https://{hostname:portNumber}/givit/v2/socialMediaLogin

Method: POST

Body:

```
{
  "UserName": "test@givit.com",
  "Password": "12345",
  "socialMediaType" : "Facebook"
}
```

Response Code:

200 – success.

401 – unauthorized.(username and password doesn't match)

500 – server error.

Response:

```
{
  "UserId" : "1",
}
```

```
"ExpiredTime" : "10-01-2020",  
"Token" : "xxxxxxxxxxxxxxxxxxxxxxxxxx"  
}
```

2.4 Check Login Status (deprecated)

EndPoint: <https://{hostname:portNumber}/givit/v1/checkLoginStatus>

Method: POST

Body:

```
{  
  "UserId": "1",  
  "Token" : "xxxxxxxxxxxxxxxxxxxxxxxxxx"  
}
```

Response Code:

200 – success.

500 – server error.

Response:

```
{  
  "connected": true  
}
```

2.5 Logout

EndPoint: <https://{hostname:portNumber}/givit/v1/sign-out>

Method: POST

Body:

```
{  
  "apiKey" : "test",  
  "operator" : "test",  
  "token" : "eyJhbGciOiJIUzUxMiJ9.... ",  
  "params":[{  
    "userId": "1"  
  }]  
}
```

Response Code:

200 – success.

500 – server error.

Response:

success:

```
{  
  "code": "200",  
  "message": "Sign out Success.",  
  "body": null  
}
```

fail:

```
{  
  "code": "401",  
  "message": "There is no token",  
  "body": null  
}
```