Documentation

EMIS API

Version 1.0.3

Jul 2021

TECHNOVISTA LTD.

API

TECHNICAL MANUAL

Version 1.0.3
Jul, 2021

Developed By

TechnoVista Limited

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1.0 INTRODUCTION

The purpose of this document is to demonstrate about the APIs avaiable in EMIS, DSHE.

2.0 AUTHENTICATION API (COLLECT TOKEN)

Need to collect token for every subsequent request.

URL:
http://103.69.149.41/sso/Services/Security/PublicUser/MerchantSignIn

Request Parameters:
{"UserName":"DDC","Password":"56789123"}

Response:
{"Code": "200","Message":"Api Login Success", "_token": "nk7DmCDU"}

Example:
```
    var getUserDataUrl = securityApiUrlPrefix
                + "MerchantSignIn?UserName=" + "DDC"
                + "&Password=" + "56789123";

        var apiResponse = new ApiResponse();
        using (WebClient wc = new WebClient())
        {
            var json = wc.DownloadString(getUserDataUrl);
            apiResponse = new
System.Web.Script.Serialization.JavaScriptSerializer().Deserialize<ApiResponse>(json);
        }
```

Allowed method: get or post

Response type: json

N.B: API Merchant User ID and Password will be provided by DSHE. The base URL http://103.69.149.41 may change.

3.0 LIST OF API

3.1   AUTHORIZATION

Follow step 2.0 to collect token

URL:
http://103.69.149.41/sso/Account/

Request Parameters:
URL+ "Login?MerchantId=" + "000005" + "&token=" + apiResponse._token + "&returnURL="+ DDCSite

SSO UI will be show. After login success using User ID (100014) Password (56789123), Response:
Redirect URL (returnURL) with parameter MerchantId & Token.

Example:
var redirectUrlMake = redirectUrl + "Login?MerchantId=" + "000005" + "&token=" + apiResponse._token;
Response.Redirect(redirectUrlMake);

Allowed method: get, post

Response type: redirectUrl with MerchantId & token.

3.2   IS TOKEN VALID & GET DATA

Follow step 2.0 to collect token

URL:
http://103.69.149.41/sso/Services/Security/PublicUser/IsTokenValid

Request Parameters:

```
{
"MerchantId":"000005",
"token":"_token
}
```

Response:

```
{"Code":"200","Message":"Valid
Token","_token":"oSbSATujZ5ny1KW5t1tF2xjdleKNtLcMUowCRnRLdvkMQ89k7M","MarchantPr
ofileResponse":{"ProfileName":"SURAYA
SULTANA","UserName":"100014","UserType":3,"DesignationId":75,"Mobile":".","Email
":"Not@vailable.com","ZoneId":1,"DivisionId":1,"DistrictId":3,"UpazilaId":22,"Ei
inNumber":"100014","AdditionalDesignationId":null,"AdditionalZoneId":null,"Addit
ionalDivisionId":null,"AdditionalDistrictId":null,"AdditionalUpazilaId":null,"Co
de":"200","Message":"Success","_token":"oSbSATujZ5ny1KW5t1tF2xjdleKNtLcMUowCRnRL
dvkMQ89k7M","MarchantProfileResponse":null}}
```

Example:

```
var getUserDataUrl = securityApiUrlPrefix
            + "IsTokenValid?MerchantId =" + "000005"
            + "&token=" + "oSbSATujZ5ny1KW5t1tF2xjdleKNtLcMUowCRnRLdvkMQ89k7M";

        var apiResponse = new ApiResponse();
         using (WebClient wc = new WebClient())
        {
            var json = wc.DownloadString(getUserDataUrl);
            apiResponse = new
System.Web.Script.Serialization.JavaScriptSerializer().Deserialize<ApiResponse>(json);
        }
```

Allowed method: get, post

Response type: json

3.3   DIVISION

Follow step 2.0 to collect token

URL:
http://103.69.149.41/sso/Services/Security/PublicUser/GetDivision

Request Parameters:

```
{
"MerchantId":"000005",
"token":"_token"
}
```

Response:

{"locationList":[{"Id":1,"Name":"BARISAL"},{"Id":2,"Name":"CHITTAGONG"},{"Id":3,"Name":"DHAKA"},{"Id":4,"Name":"KHULNA"},{"Id":5,"Name":"RAJSHAHI"},{"Id":6,"Name":"SYLHET"},{"Id":7,"Name":"MYMENSINGH"},{"Id":8,"Name":"RANGPUR"},{"Id":9,"Name":"COMILLA"}],"Code":"200","Message":"Success","_token":null}

Example:
```
var getUserDataUrl = securityApiUrlPrefix
            + "MerchantSignIn?UserName=" + "DDC"
            + "&Password=" + "56789123";

        var apiResponse = new ApiResponse();
        using (WebClient wc = new WebClient())
        {
            var json = wc.DownloadString(getUserDataUrl);
            apiResponse = new
System.Web.Script.Serialization.JavaScriptSerializer().Deserialize<ApiResponse>(json);

            if (apiResponse.Code == "200")
            {
            var redirectUrlMake = securityApiUrlPrefix + "GetDivision?MerchantId=" +
        "000005" + "&token=" + apiResponse._token;
            using (WebClient wc = new WebClient())
            {
                var json = wc.DownloadString(redirectUrlMake);
                Json(json, JsonRequestBehavior.AllowGet);
            }
          }
        }
```

Allowed method: get, post

Response type: json

3.4   DISTRICT

Follow step 2.0 to collect token

URL:
http://103.69.149.41/sso/Services/Security/PublicUser/GetDistrict

Request Parameters:
```
{
"MerchantId":"000005",
"token":"_token"
}
```

Response:
{"locationList":[{"Id":1,"Name":"BAGERHAT"},{"Id":2,"Name":"BANDARBAN"},{"Id":3,"Name":"BARGUNA"},
{"Id":4,"Name":"BARISAL"},{"Id":5,"Name":"BHOLA"},{"Id":6,"Name":"BOGRA"},{"Id":7,"Name":"BRAHMAN
BARIA"},{"Id":8,"Name":"CHANDPUR"},{"Id":9,"Name":"CHITTAGONG"},{"Id":10,"Name":"CHUADANGA"},{
"Id":11,"Name":"COMILLA"],"Code":"200","Message":"Success","_token":null}

Example:
```
var getUserDataUrl = securityApiUrlPrefix
            + "MerchantSignIn?UserName=" + "DDC"
            + "&Password=" + "56789123";

        var apiResponse = new ApiResponse();
        using (WebClient wc = new WebClient())
        {
            var json = wc.DownloadString(getUserDataUrl);
            apiResponse = new
System.Web.Script.Serialization.JavaScriptSerializer().Deserialize<ApiResponse>(json);

            if (apiResponse.Code == "200")
```

```
                {
            var redirectUrlMake = securityApiUrlPrefix + "GetDistrict?MerchantId=" +
        "000005" + "&token=" + apiResponse._token;
                using (WebClient wc = new WebClient())
                {
                    var json = wc.DownloadString(redirectUrlMake);
                    Json(json, JsonRequestBehavior.AllowGet);
                }
            }
        }
```

Allowed method: get, post

Response type: json

3.5 UPAZILA

Follow step 2.0 to collect token

URL:
http://103.69.149.41/sso/Services/Security/PublicUser/GetUpazila

Request Parameters:
```
{
"MerchantId":"000005",
"token":"_token"
}
```

Response:
```
{"locationList":[{"Id":98,"Name":"LAKSAM"},{"Id":99,"Name":"MEGHNA"},{"Id":100,"Name":"MURAD
NAGAR"},{"Id":101,"Name":"NANGALKOT"},{"Id":102,"Name":"BARURA"},{"Id":103,"Name":"BURICHANG"],
"Code":"200","Message":"Success","_token":null}
```

Example:
```
var getUserDataUrl = securityApiUrlPrefix
            + "MerchantSignIn?UserName=" + "DDC"
            + "&Password=" + "56789123";

        var apiResponse = new ApiResponse();
        using (WebClient wc = new WebClient())
        {
            var json = wc.DownloadString(getUserDataUrl);
            apiResponse = new
System.Web.Script.Serialization.JavaScriptSerializer().Deserialize<ApiResponse>(json);

            if (apiResponse.Code == "200")
            {
            var redirectUrlMake = securityApiUrlPrefix + "GetUpazila?MerchantId=" +
        "000005" + "&token=" + apiResponse._token;
                using (WebClient wc = new WebClient())
                {
                    var json = wc.DownloadString(redirectUrlMake);
                    Json(json, JsonRequestBehavior.AllowGet);
                }
            }
        }
```

Allowed method: get, post

Response type: json