SEDCO

Document

## This document contains

1. Introduction.
2. APIs.
3. How to use these APIs.

## Introduction

Those APIs will be used in a “Ticketing Application” that will show the buttons configured in the screen design to allow customers of the bank to click on those buttons and either issue a ticket or see a message based on the screen design configuration.

## APIs

1. Retrieve the “Active” Ticketing Screen Design configured for a branch in a bank  
   “/api/Screen” [GET Request]
   1. Result/s:
      1. id (integer): Screen id.
      2. name (string): Screen name.
      3. isActive (boolean): is the screen active or not.
      4. bankId (integer): bank id.
2. Retrieve buttons related to the “Active” Ticketing Screen Design configured for a branch in a bank  
   “/api/Buttons/{branchId}/{screenId}” [GET Request]
   1. Parameter/s:
      1. branchId (integer): branch id.
      2. screenid (integer): Screen id.
   2. Result/s:
      1. id (integer): Screen id.
      2. enName (string): Button English name.
      3. arName (string): Button Arabic name.
      4. type (string): Button type.
3. Get token to access these APIs  
   “api/Token” [GET Request]
   1. Parameter/s:
      1. grant\_type (string): the value for this field will be always “password”.
      2. username (string): user name.
      3. password (string): password.
      4. bankId (integer): bank id.
   2. Result/s:
      1. access\_token (token): token to use when calling API.
      2. Token\_type (string): token type.
      3. userName (string): user name used to create the token.
      4. .issued (date): issued date.
      5. .expires (date): expired date.

## APIs in use

### Token

Get the token to use it when u call any other APIs.

Request:

|  |  |
| --- | --- |
| Method | URL |
| GET | api/Token |

Parameters:

|  |  |  |
| --- | --- | --- |
| Type | Params | Values |
| Body (url-encoded) | grant\_type | password |
| Body (url-encoded) | username | string |
| Body (url-encoded) | password | string |
| Body (url-encoded) | bankId | integer |

Response:

|  |  |
| --- | --- |
| Status | Response |
| 200 | Success  {      "access\_token": "<Token>",      "token\_type": "bearer",      "expires\_in": expire time,      "userName": "username",      ".issued": "issued date",      ".expires": "expires date"  } |
| 500 | Internal server error |

### Screen

Get data for the active screen in specific bank.

Request:

|  |  |
| --- | --- |
| Method | URL |
| GET | /api/Screen |

Parameters:

|  |  |  |
| --- | --- | --- |
| Type | Params | Values |
| Header | Authorization | Bearer <Token> |

Response:

|  |  |
| --- | --- |
| Status | Response |
| 200 | Success  {      "id": id,      "name": name      "isActive": **active status**,      "bankId": bank id  } |
| 401 | Unauthorized: token is missing or expires. |
| 404 | Item not found: the item you try to get is not found. |
| 500 | Internal server error: server error. |

### Buttons

Get buttons for the active screen in specific branch.

Request:

|  |  |
| --- | --- |
| Method | URL |
| GET | /api/Buttons/{branchId}/{screenId} |

Parameters:

|  |  |  |
| --- | --- | --- |
| Type | Params | Values |
| Header | Authorization | Bearer <Token> |
| URL | branchId | integer |
| URL | screenId | integer |

Response:

|  |  |
| --- | --- |
| Status | Response |
| 200 | Success  {          "id": id,          "enName": english name,          "arName": arabic name,          "type": button type      } |
| 401 | Unauthorized: token is missing or expires. |
| 404 | Not found: the item/s you try to get are not found. |
| 500 | Internal server error: server error. |