1. **Login to server**
   * Request

|  |  |  |  |
| --- | --- | --- | --- |
| **Method** | **Url** | | |
| **Post** | api/account/login | | |
| Type | Params | Values | Description |
| BODY | **Email** | string | Email which is used for accessing server api. |
| **Password** | string | Password that user use to login to server api. |
|  | | | |
| Use case |  | | |
| Access Role | * Admin * Museum | | |

* + Response

|  |  |
| --- | --- |
| Status | Content |
| **200** | {  "account\_id":"int",  "password":"string",  "permission": "byte"  } |
| **400**  Request parameters are invalid. | {  "Messages":{  "Email":[  "EMAIL\_REQUIRED",  "EMAIL\_MAXLENGTH\_EXCEEDED",  "EMAIL\_FORMAT\_INVALID"  ],  "Password":[  "PASSWORD\_REQUIRED",  "PASSWORD\_MAXLENGTH\_EXCEEDED"  ]  }  } |
| **401**  Account is disabled in the system. | {  "Message":"ACCOUNT\_DEACTIVATE"  } |
| **401**  Account is pending in the system. | {  "Message":"ACCOUNT\_PENDING"  } |
| **403**  Account doen’t have permission to access Admin Page | {  "Message":"PERMISSION\_INSUFFICIENT"  } |

1. **Request to change password (Forgot password)**
   * Request

|  |  |  |  |
| --- | --- | --- | --- |
| **Method** | **Url** | | |
| **GET** | api/account/password | | |
| Type | Params | Values | Description |
| URL | **Email** | string | Email which is used for logging into system.   * **Required** * **(Data validation – refer to validation documents)** |
|  | | | |
| Use case | * Admin of Museum can request to change password when they forget * Flow : Fill the emal -> Submit ->Waiting for email to get the url to go to change new password form. | | |
| Role | * Museum * Admin | | |

* + Response

|  |  |
| --- | --- |
| Status | Content |
| **200** | Just return the status and reload the page |
| **400**  Request parameters are invalid. | {  "Messages":{  "Email":[  "EMAIL\_FORMAT\_INVALID",  "EMAIL\_MAXLENGTH\_EXCEEDED",  "EMAIL\_REQUIRED"  ]  }  } |
| **404**  Account is not found as active in the system. | {  "Message": "ACCOUNT\_INVALID"  } |

1. **Submit new password (Forgot password)**
   * Request

|  |  |  |  |
| --- | --- | --- | --- |
| **Method** | **Url** | | |
| **POST** | api/account/password | | |
| Type | Params | Values | Description |
| BODY | **Token** | string | Token which is used for password reset.   * **Required** * **(Data validation – refer to validation documents)** |
|  | **Password** | string | New password of account   * **Required** * **(Data validation – refer to validation documents)** |
|  | | | |
| Use case | * Admin or Museum requests system to send an email contains url * Flow : Open url sent to email -> Fill new password -> Submit -> Password is changed. | | |
| Role | * Admin * Museum | | |

* + Response

|  |  |
| --- | --- |
| Status | Content |
| **200** |  |
| **400**  Request parameters are invalid. | {  "Messages":{  "Token": [  "TOKEN\_INVALID",  "TOKEN\_MAXLENGTH\_EXCEEDED"  ],  "Password":[  "PASSWORD\_INVALID",  "PASSWORD\_MAXLENGTH\_EXCEEDED"  ]  }  } |
| **403**  Token is expired. | {  "Message": "TOKEN\_EXPIRED"  } |
| **404**  Token is not found in the system. | {  "Message": "TOKEN\_NOTFOUND"  } |