1. **Login to server**
   * Request

|  |  |  |  |
| --- | --- | --- | --- |
| **Method** | **Url** | | |
| **Post** | api/account/login | | |
| Type | Params | Values | Description |
| HEADER | **Accept-Language** | string | Language which messages responded from server will be formatted.   * Default : en-US |
| 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. | {  "error": [  "Email\_Required",  "Password\_Required",  "Permission\_Required"  ]  } |
| **401**  Account is disabled in the system. | {  "Message":"ACCOUNT\_DEACTIVATE"  } |
| **401**  Account doesn’t exist in system | {  "Message":[  "Email\_Incorrect",  "Password\_Incorrect"  ]  } |
| **403**  Account doen’t have permission to access Admin Page | {  "Message":"ACCOUNT\_DOESNT\_HAVE\_PERMISSION"  } |

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

|  |  |  |  |
| --- | --- | --- | --- |
| **Method** | **Url** | | |
| **POST** | api/account/login | | |
| Type | Params | Values | Description |
| HEADER | **Accept-Language** | string | Language which messages responded from server will be formatted.   * Default : en-US |
| BODY | **Email** | string | Email which is used for logging into system.   * **Required** * **Max length: 64** * **Regex:** ^\w+([-+.']\w+)\*@\w+([-.]\w+)\*\.\w+([-.]\w+)\*$ |
|  | | | |
| 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. | {  "Errors": ["","",""]  } |
| **404**  Account is not found as active in the system. | {  "Error": "W006"  } |
| **500**  Internal server error. |  |

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

|  |  |  |  |
| --- | --- | --- | --- |
| **Method** | **Url** | | |
| **POST** | api/account/change\_pass | | |
| Type | Params | Values | Description |
| HEADER | **Accept-Language** | string | Language which messages responded from server will be formatted.   * Default : en-US |
| BODY | **Token** | string | Token which is used for password reset.   * **Required.** * **Max length: 32** |
|  | **Password** | string | New password of account   * **Required.** * **Only alphanumeric** * **Min length: 8** * **Max length : 16** |
|  | | | |
| 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. | {  "Errors": ["","",""]  } |
| **401**  No email or password contained in request header. Front-end should redirect user to login page. | {  "Error": "W012"  } |
| **403**  Token is expired. | {  "Error": "W029"  } |
| **404**  Token is not found in the system. | {  "Error": "W006"  } |
| **500**  Internal server error. |  |