1. **Search object by name**
   * Request

|  |  |  |  |
| --- | --- | --- | --- |
| **Method** | **Url** | | |
| **Post** | api/display\_object/search | | |
| Type | Params | Values | Description |
| HEADER | **Accept-Language** | string | Language which messages responded from server will be formatted.   * Default : en-US |
| BODY | **Name** | string | Name of an object that is displayed by search api. |
|  | | | |
| Use case | Search object in the database by name | | |
| Access Role | * Museum * Admin | | |

* + Response

|  |  |
| --- | --- |
| Status | Content |
| **200** | {  name:"string",  text\_description:”string”;  image:”string”,  audio:”string”,  model:”string”,  video:”string”,  target\_id:”int”,  current\_status:”string”,  last\_status:”string”  } |
| **400**  Request parameters are invalid. | {  "error": [  "Name\_Required",  "Name\_ Max\_Length\_Limited "  ] |
| **404**  No record found | {  "Message":"OBJECT\_NOT\_FOUND"  } |

1. **Display all objects of museum**
   * Request

|  |  |  |  |
| --- | --- | --- | --- |
| **Method** | **Url** | | |
| **Post** | api/display\_object/view | | |
| Type | Params | Values | Description |
| HEADER | **Accept-Language** | string | Language which messages responded from server will be formatted.   * Default : en-US |
| BODY | **ID** | int | ID of account that loged in |
|  | **Permision** | int | 0 is admin , 1 is museum |
|  | **Current\_status** | int | pending , avalaible, active |
|  | | | |
| Use case | Display all objects of museum | | |
| Access Role | * Museum | | |

* + Response

|  |  |
| --- | --- |
| Status | Content |
| **200** | {  name:"string",  text\_description:”string”;  image:”string”,  audio:”string”,  model:”string”,  video:”string”,  target\_id:”int”,  current\_status:”string”,  last\_status:”string”  } |
| **400**  Request parameters are invalid. | {  "error": [  "Name\_Required",  "Name\_Max\_Length\_Limited",  "Text\_description\_Required",  "Target\_name\_Required",  "Status\_Required"  ]  } |
|  |  |
|  |  |

1. **Display detail of an object**
   * Request

|  |  |  |  |
| --- | --- | --- | --- |
| **Method** | **Url** | | |
| **Post** | api/display\_object/view\_detail/ | | |
| Type | Params | Values | Description |
| HEADER | **Accept-Language** | string | Language which messages responded from server will be formatted.   * Default : en-US |
| BODY | **Dob\_id** | int | ID of object |
|  | **Permision** | int | 0 is admin , 1 is museum |
|  | | | |
| Use case | Display all detail of an object | | |
| Access Role | * Museum | | |

* + Response

|  |  |
| --- | --- |
| Status | Content |
| **200** | Just display the detail of object |
| **400**  Request parameters are invalid. | {  "error": [  "Name\_Required",  "Name\_Max\_Length\_Limited",  "Text\_description\_Required",  "Target\_name\_Required",  "Status\_Required"  ]  } |
|  |  |
|  |  |

1. **Add new object**
   * Request

|  |  |  |  |
| --- | --- | --- | --- |
| **Method** | **Url** | | |
| **Post** | api/display\_object/add | | |
| Type | Params | Values | Description |
| HEADER | **Accept-Language** | string | Language which messages responded from server will be formatted.   * Default : en-US |
| BODY | **Name** | string | Name of an object that is displayed by search api. |
|  | **Text\_description** | string | Information of object of museum in text format. |
|  | **Image** | string | Link to information of object of museum in image format |
|  | **Audio** | string | Link to information of object of museum in audio format. |
|  | **Model** | string | Link to information of object of museum in 3D model format. |
|  | **Video** | string | Link to information of object of museum in video format. |
|  | **Target\_name** | string | Name of target used for detect object. |
|  | **Target\_image** | string | Link of image target for detect object. |
|  | **Object\_scan** | string | Link of scaning object file for detect object. |
|  | **Current\_status** | int | Current tatus of object’s information. |
|  | **Last\_status** | int | Last tatus of object’s information. |
|  | | | |
| Use case | Add new object | | |
| Access Role | * Museum | | |

* + Response

|  |  |
| --- | --- |
| Status | Content |
| **200** | Just need to return status then reload the table of object. |
| **400**  Request parameters are invalid. | {  "error": [  "Name\_Required",  "Name\_Max\_Length\_Limited",  "Text\_description\_Required",  "Target\_name\_Required",  "Status\_Required"  ]  } |
|  |  |
|  |  |

1. **Edit old objects**
   * Request

|  |  |  |  |
| --- | --- | --- | --- |
| **Method** | **Url** | | |
| **Post** | api/display\_object/edit/ | | |
| Type | Params | Values | Description |
| HEADER | **Accept-Language** | string | Language which messages responded from server will be formatted.   * Default : en-US |
| BODY | **Dob\_id** | int | ID of the object |
|  | **Name** | string | Name of an object that is displayed by search api. |
|  | **Text\_description** | string | Information of object of museum in text format. |
|  | **Image** | string | Link to information of object of museum in image format |
|  | **Audio** | string | Link to information of object of museum in audio format. |
|  | **Model** | string | Link to information of object of museum in 3D model format. |
|  | **Video** | string | Link to information of object of museum in video format. |
|  | **Target\_name** | string | Name of target used for detect object. |
|  | **Target\_image** | string | Link of image target for detect object. |
|  | **Object\_scan** | string | Link of scaning object file for detect object. |
|  | **Current\_status** | int | Current tatus of object’s information. |
|  | **Last\_status** | int | Last tatus of object’s information. |
|  | | | |
| Use case | Edit an object | | |
| Access Role | * Museum | | |

* + Response

|  |  |
| --- | --- |
| Status | Content |
| **200** | Just need to return status then reload the table of object. |
| **400**  Request parameters are invalid. | {  "error": [  "Name\_Required",  "Name\_Max\_Length\_Limited",  "Text\_description\_Required",  "Target\_name\_Required",  "Status\_Required"  ]  } |
| **500**  Internal server |  |
|  |  |

1. **Request delete objects**
   * Request

|  |  |  |  |
| --- | --- | --- | --- |
| **Method** | **Url** | | |
| **Post** | api/display\_object/request\_delete/ | | |
| Type | Params | Values | Description |
| HEADER | **Accept-Language** | string | Language which messages responded from server will be formatted.   * Default : en-US |
| BODY | **Dob\_id** | int | ID of the object |
|  | **Account\_ID** | int | ID of museum account |
|  | **Type** | bit | Information of object of museum in text format. |
|  | **Status** | Bit | Current status of request (0 is pending, 1 is accepted, 2 is denied) |
|  | | | |
| Use case | Museum send a deleting request to admin and wait for responding.  Flow: Select an object to delete -> request to delete -> fill the reason form -> submit | | |
| Access Role | * Museum | | |

* + Response

|  |  |
| --- | --- |
| Status | Content |
| **200** | Just need to return status then reload the table of object. |
| **400**  Request parameters are invalid. | {  "error": [  "Name\_Required",  "Name\_Max\_Length\_Limited",  "Text\_description\_Required",  "Target\_name\_Required",  "Status\_Required"  ]  } |
| **500**  Internal server |  |
|  |  |

1. **Request edit objects**
   * Request

|  |  |  |  |
| --- | --- | --- | --- |
| **Method** | **Url** | | |
| **Post** | api/display\_object/request\_edit/ | | |
| Type | Params | Values | Description |
| HEADER | **Accept-Language** | string | Language which messages responded from server will be formatted.   * Default : en-US |
| BODY | **Dob\_id** | int | ID of the object |
|  | **Account\_ID** | int | ID of museum account |
|  | **Type** | bit | Information of object of museum in text format. |
|  | **Status** | Bit | Current status of request (0 is pending, 1 is accepted, 2 is denied) |
|  | | | |
| Use case | Museum send a edit request to admin and wait for responding.  Flow: Select an object to edit -> request to edit -> fill the reason form -> submit | | |
| Access Role | * Museum | | |

* + Response

|  |  |
| --- | --- |
| Status | Content |
| **200** | Just need to return status then reload the table of object. |
| **400**  Request parameters are invalid. | {  "error": [  "Name\_Required",  "Name\_Max\_Length\_Limited",  "Text\_description\_Required",  "Target\_name\_Required",  "Status\_Required"  ]  } |
| **500**  Internal server |  |
|  |  |