# User authentication (Sign-up)

Method: POST

Endpoint: /user

**- Request**

|  |  |  |
| --- | --- | --- |
| **Attribute** | **Type** | **Value** |
| u\_id | String | Student ID |
| email | String | User’s e-mail |
| password | String | User’s password |

**- Response**

|  |  |  |
| --- | --- | --- |
| **Attribute** | **Type** | **Value** |
| Status | Int | 200(success) or 404(fail) |

# User authentication (Log-in)

Method: POST

Endpoint: /user/login

**- Request**

|  |  |  |
| --- | --- | --- |
| **Attribute** | **Type** | **Value** |
| email | String | User’s e-mail |
| password | String | User’s password |

**- Response**

|  |  |  |
| --- | --- | --- |
| **Attribute** | **Type** | **Value** |
| Status | Int | 200(success) or 404(fail) |
| user | Json | User’s information   |  |  |  | | --- | --- | --- | | **Attribute** | **Type** | **Value** | | u\_id | String | Student ID | | email | String | User’s e-mail | | role | Boolean | True: exhibitor, False: visitor | | name | String | User’s name | |

# User authentication (Log-out)

Method: POST

Endpoint: /user/logout

**- Request**

|  |  |  |
| --- | --- | --- |
| **Attribute** | **Type** | **Value** |
| email | String | User’s e-mail |
| password | String | User’s password |

**- Response**

|  |  |  |
| --- | --- | --- |
| **Attribute** | **Type** | **Value** |
| Status | Int | 200(success) or 404(fail) |

# Enter the user’s information

Method: PUT

Endpoint: /user/detail

**- Request**

|  |  |  |
| --- | --- | --- |
| **Attribute** | **Type** | **Value** |
| u\_id | String | Student ID |
| role | Boolean | True: exhibitor, False: visitor |
| name | String | User’s name |

**- Response**

|  |  |  |
| --- | --- | --- |
| **Attribute** | **Type** | **Value** |
| Status | Int | 200(success) or 404(fail) |

# Enter the graduation work’s information

Method: POST

Endpoint: /work

**- Request**

|  |  |  |
| --- | --- | --- |
| **Attribute** | **Type** | **Value** |
| u\_id | String | Student ID |
| position\_x | Float | Position value (x-axis) |
| position\_y | Float | Position value (y-axis) |
| File\_addr | String | the graduation work file’s address |
| title | String | Title of the graduation work |
| description | String | Description of the graduation work |

**- Response**

|  |  |  |
| --- | --- | --- |
| **Attribute** | **Type** | **Value** |
| Status | Int | 200(success) or 404(fail) |

# Get the graduation work’s information

Method: POST

Endpoint: /work/get

**- Request**

|  |  |  |
| --- | --- | --- |
| **Attribute** | **Type** | **Value** |
| u\_id | String | Student ID |

**- Response**

|  |  |  |
| --- | --- | --- |
| **Attribute** | **Type** | **Value** |
| w\_id | Int | Work’s ID (idx) |
| u\_id | String | Student ID |
| position\_x | Float | Position value (x-axis) |
| position\_y | Float | Position value (y-axis) |
| File\_addr | String | the graduation work file’s address |
| title | String | Title of the graduation work |
| description | String | Description of the graduation work |
| like\_score | Int | “Like” score of the graduation work |

# Update “Like”

Method: PUT

Endpoint: /like

**- Request**

|  |  |  |
| --- | --- | --- |
| **Attribute** | **Type** | **Value** |
| u\_id | String | Student ID |

**- Response**

|  |  |  |
| --- | --- | --- |
| **Attribute** | **Type** | **Value** |
| u\_id | String | Student ID |
| like\_score | Int | “Like” score of the graduation work |

# Get “Like” scores

Method: GET

Endpoint: /like/list

**- Request**

None

**- Response**

|  |  |  |
| --- | --- | --- |
| **Attribute** | **Type** | **Value** |
| list | List<> | List of ID, user’s name, title and “Like” scores   |  |  |  | | --- | --- | --- | | Attribute | Type | Value | | w\_id | Int | Work’s ID (idx) | | u\_id | String | Student ID | | name | String | User’s name | | title | string | Title of the graduation work | | like\_score | Int | “Like” score of the graduation work | |