1. **Authentication API**
2. **Login**
   * Request

|  |  |  |  |
| --- | --- | --- | --- |
| **Method** | **Url** | | |
| **POST** | api/account/login | | |
| Type | Params | Values | Description |
| BODY | **email** | string | email which is used for logging into system. |
| BODY | **password** | string | password of related email. |

* + Response

|  |  |
| --- | --- |
| Status | Content |
| **200** | {  "access\_token": "string",  "expire\_in": "int",  "expire\_at": "double"  } |
| **403**  Account is disabled database. | {  "message": "ACCOUNT\_DISABLED"  } |
| **403**  Account is pending in database. | {  "message": "ACCOUNT\_PENDING"  } |
| **404**  Acount is not found. | {  "message": "ACCOUNT\_NOT\_FOUND"  } |

1. **Register**
   * Request

|  |  |  |  |
| --- | --- | --- | --- |
| **Method** | **Url** | | |
| **POST** | api/account/register | | |
| Type | Params | Values | Description |
| BODY | **email** | string | email which is used for logging into system.   * Required |
| BODY | **password** | string | password of related email.   * Required |
| BODY | **nickname** | string | name which will be displayed on each post.   * Required |

* + Response

|  |  |
| --- | --- |
| Status | Content |
| **200** |  |
| **409**  Account is duplicated. | {  "message": "ACCOUNT\_DUPLICATED"  } |

1. **Find password [REQUEST]**
   * Request

|  |  |  |  |
| --- | --- | --- | --- |
| **Method** | **Url** | | |
| **GET** | api/account/lost\_password | | |
| Type | Params | Values | Description |
| URL | **email** | string | email which is used for logging into system. |

* + Response

|  |  |
| --- | --- |
| Status | Content |
| **200** |  |
| **404**  Account is not found. | {  "message": "ACCOUNT\_NOT\_FOUND"  } |

1. **Find password [SUBMIT]**
   * Request

|  |  |  |  |
| --- | --- | --- | --- |
| **Method** | **Url** | | |
| **POST** | api/account/lost\_password | | |
| Type | Params | Values | Description |
| BODY | **email** | string | email which is used for logging into system. |
| BODY | **token** | string | token which is used for reset password. |
| BODY | **oldpassword** | string | old password of account. |
| BODY | **newpassword** | string | new password of account. |

* + Response

|  |  |
| --- | --- |
| Status | Content |
| **200** |  |
| **410**  Token is expired. | {  "message": "TOKEN\_EXPIRED"  } |
| **404**  Account is not found. | {  "message": "ACCOUNT\_NOT\_FOUND"  } |
| **404**  Token is invalid. | {  "message": "TOKEN\_NOT\_FOUND"  } |
| **406**  New password is invalid. | {  "message": "PASSWORD\_INVALID"  } |
| **406**  Old password is not match. | {  “message”: “PASSWORD\_NOT\_MATCH”  } |

1. **View personal profile**
   * Request

|  |  |  |  |
| --- | --- | --- | --- |
| **Method** | **Url** | | |
| **GET** | api/account/profile | | |
| Type | Params | Values | Description |
| HEADER | **Authorization** | string | Token which is used for accessing into system. |

* + Response

|  |  |
| --- | --- |
| Status | Content |
| **200** | {  "account":{  "id": "int",  "email": "string",  "nickname": "string",  "status": "int",  "created": "double",  "lastModified": "double?"  }  } |

1. **Request activation code resent**
   * Request

|  |  |  |  |
| --- | --- | --- | --- |
| **Method** | **Url** | | |
| **POST** | api/account/activate/resend | | |
| Type | Params | Values | Description |
| BODY | **email** | string | email which is used for logging into system. |

* + Response

|  |  |
| --- | --- |
| Status | Content |
| **200** |  |
| **404**  Account is not found in system. | {  "message": "ACCOUNT\_NOT\_FOUND"  } |