# User controller

## create user

### Request

| URL Path | /createUser |
| --- | --- |
| Request Type | POST |

### Request Parameter

| Name | Type | Remarks |
| --- | --- | --- |
| username | string | User name |
| fullname | string | User full name |
| password | string | User password |
| email | string | User email |
| phoneNumber | string | User content number |
| role | int | User role ( default: 1 ) |

### Validation

| Validation | Message |
| --- | --- |
| username missing | username missing |
| username invalid | username invalid |
| fullname missing | fullname missing |
| fullname invalid | fullname invalid |
| password missing | password missing |
| password invalid | password invalid |
| email missing | email missing |
| email invalid | email invalid |
| phoneNumber missing | phoneNumber missing |
| phoneNumber invalid | phoneNumber invalid |
| role missing | role missing |
| role invalid | role invalid |
| account exist | account exist |
| account blank | account blank |
| General error | general error |

### Response Data

| Object | Description |
| --- | --- |
| message |  |
| status | Response status |

### Response Example

Success  
{

“message”: “success”,

“status”:” success”

}

Error

{

“message”: “general error”,

“status”:”fail”

}

## delete user

### Request

| URL Path | /delUser |
| --- | --- |
| Request Type | Delete |

### Request Parameter

| Name | Type | Remarks |
| --- | --- | --- |
| userId | string | User id |

### Validation

| Validation | Message |
| --- | --- |
| user missing | user missing |
| user not found | user not found |
| Unauthorized | unauthorized |
| General error | general error |

### Response Data

| Object | Description |
| --- | --- |
| message |  |
| status | Response status |

### Response Example

Success  
{

“message”: “success”,

“status”:” success”

}

Error

{

“message”: “general error”,

“status”:”fail”

}

## edit user

### Request

| URL Path | /editUser |
| --- | --- |
| Request Type | Put |

### Request Parameter

| Name | Type | Remarks |
| --- | --- | --- |
| userId | string | User id |
| username | string | user name |
| phoneNumber | string | user content number |
| email | string | user email |
| role | int | user role |

### Validation

| Validation | Message |
| --- | --- |
| user id missing | user id missing |
| user id invalid | user id invalid |
| username missing | username missing |
| username invalid | username invalid |
| phoneNumber missing | phoneNumber missing |
| phoneNumber invalid | phoneNumber invalid |
| email missing | email missing |
| email invalid | email invalid |
| role missing | role missing |
| role invalid | role invalid |
| Unauthorized | unauthorized |
| user not found | user not found |
| General error | general error |

### Response Data

| Object | Description |
| --- | --- |
| message |  |
| status | Response status |

### Response Example

Success  
{

“message”: “success”,

“status”:” success”

}

Error

{

“message”: “general error”,

“status”:”fail”

}

## forget password

### Request

| URL Path | /forgetPassword |
| --- | --- |
| Request Type | POST |

### Request Parameter

| Name | Type | Remarks |
| --- | --- | --- |
| email | string | User email |
| phoneNumber | string | User phone number |

### Validation

| Validation | Message |
| --- | --- |
| email missing | email missing |
| email invalid | email invalid |
| phoneNumber missing | phoneNumber missing |
| phoneNumber invalid | phoneNumber invalid |
| user not found | user not found |
| General error | general error |

### Response Data

| Object | Description |
| --- | --- |
| message |  |
| status | Response status |

### Response Example

Success  
{

“message”: “success”,

“status”:” success”

}

Error

{

“message”: “general error”,

“status”:”fail”

}

## get all users

### Request

| URL Path | /getAllUser |
| --- | --- |
| Request Type | POST |

### Request Parameter

| Name | Type | Remarks |
| --- | --- | --- |
| roleId | int | role id |

### Validation

| Validation | Message |
| --- | --- |
| roleId missing | roleId missing |
| roleId invalid | roleId invalid |
| Unauthorized | unauthorized |
| General error | general error |

### Response Data

| Object | Description |
| --- | --- |
| message |  |
| status | Response status |

### Response Example

Success  
{

“message”: “success”,

“status”:” success”

}

Error

{

“message”: “general error”,

“status”:”fail”

}

## get user profile by id

### Request

| URL Path | /getUserProfileById |
| --- | --- |
| Request Type | POST |

### Request Parameter

| Name | Type | Remarks |
| --- | --- | --- |
| userId | string | user id |

### Validation

| Validation | Message |
| --- | --- |
| userId missing | userId missing |
| userId invalid | userId invalid |
| Unauthorized | unauthorized |
| General error | general error |

### Response Data

| Object | Description |
| --- | --- |
| message |  |
| status | Response status |
| data | user profile |

### Response Example

Success  
{

“message”: “success”,

“status”:” success”,

“data”: {

…

}

}

Error

{

“message”: “general error”,

“status”:”fail”

}

## login

### Request

| URL Path | /login |
| --- | --- |
| Request Type | POST |

### Request header

| Name | Type | Remarks |
| --- | --- | --- |
| Authorization | string | Authorization |

### Validation

| Validation | Message |
| --- | --- |
| account not found | account not found |
| Authorization invalid | Authorization invalid |
| General error | general error |

### Response Data

| Object | Description |
| --- | --- |
| message |  |
| status | Response status |
| data | token |

### Response Example

Success  
{

“message”: “success”,

“status”:” success”,

“data”: {

…

}

}

Error

{

“message”: “general error”,

“status”:”fail”

}

# get-activity-log-controller

## Get Acticity log

### Request

| URL Path | /getAllActivityLogList |
| --- | --- |
| Request Type | POST |

### Request Parameter

| Name | Type | Remarks |
| --- | --- | --- |
| userId | string | User id |
| roleId | int | role id |

### Validation

| Validation | Message |
| --- | --- |
| user id missing | user id missing |
| user id invalid | user id invalid |
| role id missing | role id missing |
| role id invalid | role id invalid |
| Unauthorized | Unauthorized |
| General error | general error |

### Response Data

| Object | Description |
| --- | --- |
| message |  |
| status | Response status |
| data | Include activity log |

### Response Example

Success  
{

“message”: “success”,

“status”:” success”,

“data”: [{

…

}, {

…

}]

}

Error

{

“message”: “general error”,

“status”:”fail”

}

# get-common-tree-name-controller

## Get Family list

### Request

| URL Path | /getAllFamilyList |
| --- | --- |
| Request Type | Get |

### Validation

| Validation | Message |
| --- | --- |
| Unauthorized | Unauthorized |
| General error | general error |

### Response Data

| Object | Description |
| --- | --- |
| message |  |
| status | Response status |
| data | Include family |

### Response Example

Success  
{

“message”: “success”,

“status”:” success”,

“data”: [{

…

}, {

…

}]

}

Error

{

“message”: “general error”,

“status”:”fail”

}

## Get Master Tree List

### Request

| URL Path | /getAllMasterTreeTableList |
| --- | --- |
| Request Type | Get |

### Validation

| Validation | Message |
| --- | --- |
| token empty | token missing |
| Token timeout/ Token invalid | token invalid |
| General error | general error |

### Response Data

| Object | Description |
| --- | --- |
| message |  |
| status | Response status |
| data | Include master trees |

### Response Example

Success  
{

“message”: “success”,

“status”:” success”,

“data”: [{

…

}, {

…

}]

}

Error

{

“message”: “general error”,

“status”:”fail”

}

## Get common and scientific name list

### Request

| URL Path | /getCommonAndScientificNameList |
| --- | --- |
| Request Type | Get |

### Validation

| Validation | Message |
| --- | --- |
| Unauthorized | Unauthorized |
| General error | general error |

### Response Data

| Object | Description |
| --- | --- |
| message |  |
| status | Response status |
| data | common and scientific name list |

### Response Example

Success  
{

“message”: “success”,

“status”:” success”,

“data”: [{

…

}, {

…

}]

}

Error

{

“message”: “general error”,

“status”:”fail”

}

## Get Master Tree List

### Request

| URL Path | /getTreeTagList |
| --- | --- |
| Request Type | Get |

### Validation

| Validation | Message |
| --- | --- |
| token empty | token missing |
| Token timeout/ Token invalid | token invalid |
| General error | general error |

### Response Data

| Object | Description |
| --- | --- |
| message |  |
| status | Response status |
| data | tree tag list |

### Response Example

Success  
{

“message”: “success”,

“status”:” success”,

“data”: [{

…

}, {

…

}]

}

Error

{

“message”: “general error”,

“status”:”fail”

}

# get-survey-record-controller

## Get survey records

### Request

| URL Path | /getAllSurveyRecord |
| --- | --- |
| Request Type | Get |

### Request Parameter

| Name | Type | Remarks |
| --- | --- | --- |
| roleId | int | role id |

### Validation

| Validation | Message |
| --- | --- |
| role id missing | role id missing |
| role id invalid | role id invalid |
| Unauthorized | Unauthorized |
| General error | general error |

### Response Data

| Object | Description |
| --- | --- |
| message |  |
| status | Response status |
| data | Include survey records |

### Response Example

Success  
{

“message”: “success”,

“status”:” success”,

“data”: [{

…

}, {

…

}]

}

Error

{

“message”: “general error”,

“status”:”fail”

}

## Get survey record by user id

### Request

| URL Path | /getSurveyRecordByUserId |
| --- | --- |
| Request Type | Get |

### Request Parameter

| Name | Type | Remarks |
| --- | --- | --- |
| userId | int | user id |

### Validation

| Validation | Message |
| --- | --- |
| user id missing | user id missing |
| user id invalid | user id invalid |
| user not found | user not found |
| Unauthorized | Unauthorized |
| General error | general error |

### Response Data

| Object | Description |
| --- | --- |
| message |  |
| status | Response status |
| data | Include survey records |

### Response Example

Success  
{

“message”: “success”,

“status”:” success”,

“data”: [{

…

}, {

…

}]

}

Error

{

“message”: “general error”,

“status”:”fail”

}

## insert survey record

### Request

| URL Path | /insertSurveyRecord |
| --- | --- |
| Request Type | Post |

### Request Parameter

| Name | Type | Remarks |
| --- | --- | --- |
| data | json | survey data |

### Validation

| Validation | Message |
| --- | --- |
| data missing | data missing |
| data invalid | data invalid |
| Unauthorized | Unauthorized |
| General error | general error |

### Response Data

| Object | Description |
| --- | --- |
| message |  |
| status | Response status |

### Response Example

Success  
{

“message”: “success”,

“status”:” success”

}

Error

{

“message”: “general error”,

“status”:”fail”

}

x

# get-tsv-controller

## Get tsv

### Request

| URL Path | /getTsv |
| --- | --- |
| Request Type | Get |

### Request Parameter

| Name | Type | Remarks |
| --- | --- | --- |
| userId | string | user id |
| roleId | int | role id |

### Validation

| Validation | Message |
| --- | --- |
| user id missing | user id missing |
| user id invalid | user id invalid |
| role id missing | role id missing |
| role id invalid | role id invalid |
| user not found | user not found |
| Unauthorized | Unauthorized |
| General error | general error |

### Response Data

| Object | Description |
| --- | --- |
| message |  |
| status | Response status |
| data | Include survey records |

### Response Example

Success  
{

“message”: “success”,

“status”:” success”,

“data”: [{

…

}, {

…

}]

}

Error

{

“message”: “general error”,

“status”:”fail”

}

## Upload tsv

### Request

| URL Path | /uploadTsv |
| --- | --- |
| Request Type | Post |

### Request Parameter

| Name | Type | Remarks |
| --- | --- | --- |
| userId | string | user id |
| roleId | int | role id |
| tsv | string | tsv array json to string |

### Validation

| Validation | Message |
| --- | --- |
| user id missing | user id missing |
| user id invalid | user id invalid |
| role id missing | role id missing |
| role id invalid | role id invalid |
| tsv missing | tsv missing |
| tsv format invalid | tsv invalid |
| user not found | user not found |
| Unauthorized | Unauthorized |
| General error | general error |

### Response Data

| Object | Description |
| --- | --- |
| message |  |
| status | Response status |

### Response Example

Success  
{

“message”: “success”,

“status”:” success”,

}

Error

{

“message”: “general error”,

“status”:”fail”

}

# update-master-tree-table-controller

## insert master tree

### Request

| URL Path | /insertMasterTreeTable |
| --- | --- |
| Request Type | Post |

### Request Parameter

| Name | Type | Remarks |
| --- | --- | --- |
| data | string | master tree json to string |
| userid | string | user id |

### Validation

| Validation | Message |
| --- | --- |
| user id missing | user id missing |
| user id invalid | user id invalid |
| data missing | data missing |
| data invalid | data invalid |
| user not found | user not found |
| Unauthorized | Unauthorized |
| General error | general error |

### Response Data

| Object | Description |
| --- | --- |
| message |  |
| status | Response status |

### Response Example

Success  
{

“message”: “success”,

“status”:” success”,

}

Error

{

“message”: “general error”,

“status”:”fail”

}

## Get tsv

### Request

| URL Path | /updateMasterTreeTableById |
| --- | --- |
| Request Type | Put |

### Request Parameter

| Name | Type | Remarks |
| --- | --- | --- |
| userId | string | user id |
| data | string | master tree json to string |

### Validation

| Validation | Message |
| --- | --- |
| user id missing | user id missing |
| user id invalid | user id invalid |
| role id missing | role id missing |
| role id invalid | role id invalid |
| user not found | user not found |
| Unauthorized | Unauthorized |
| General error | general error |

### Response Data

| Object | Description |
| --- | --- |
| message |  |
| status | Response status |

### Response Example

Success  
{

“message”: “success”,

“status”:” success”

}

Error

{

“message”: “general error”,

“status”:”fail”

}

# update-survey-record-controller

## accept survey record

### Request

| URL Path | /acceptSurveyRecord |
| --- | --- |
| Request Type | Post |

### Request Parameter

| Name | Type | Remarks |
| --- | --- | --- |
| surveyRecordId | string | survey record id |
| userid | string | user id |
| roleid | int | role id |

### Validation

| Validation | Message |
| --- | --- |
| user id missing | user id missing |
| user id invalid | user id invalid |
| role id missing | role id missing |
| role id invalid | role id invalid |
| surveyRecordId missing | surveyRecordId missing |
| surveyRecordId invalid | surveyRecordId invalid |
| user not found | user not found |
| surveyRecordId not found | surveyRecordId not found |
| Unauthorized | Unauthorized |
| General error | general error |

### Response Data

| Object | Description |
| --- | --- |
| message |  |
| status | Response status |

### Response Example

Success  
{

“message”: “success”,

“status”:” success”,

}

Error

{

“message”: “general error”,

“status”:”fail”

}

## Update survey record

### Request

| URL Path | /updateSurveyRecord |
| --- | --- |
| Request Type | Put |

### Request Parameter

| Name | Type | Remarks |
| --- | --- | --- |
| userId | string | user id |
| data | string | master tree json to string |

### Validation

| Validation | Message |
| --- | --- |
| user id missing | user id missing |
| user id invalid | user id invalid |
| data missing | data missing |
| data invalid | data invalid |
| user not found | user not found |
| Unauthorized | Unauthorized |
| General error | general error |

### Response Data

| Object | Description |
| --- | --- |
| message |  |
| status | Response status |

### Response Example

Success  
{

“message”: “success”,

“status”:” success”

}

Error

{

“message”: “general error”,

“status”:”fail”

}