User controller

1.1 create user

1.1.1 Request

URL Path	/createUser
Request Type	POST

1.1.2 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)

1.1.3 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

1.1.4 Response Data

Object	Description
message	
status	Response status

1.1.5 Response Example

Success

```
{
    "message": "success",
    "status":" success"
}
```

Error

```
{
    "message": "general error",
    "status":"fail"
}
```

1.2 delete user

1.2.1 Request

URL Path	/delUser
Request Type	Delete

1.2.2 Request Parameter

Name	Type	Remarks
userId	string	User id

1.2.3 Validation

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

1.2.4   Response Data

Object	Description
message	
status	Response status

1.2.5   Response Example

Success

```
{
    "message": "success",
    "status":" success"
}
```

Error

```
{
    "message": "general error",
    "status":"fail"
}
```

1.3   edit user

1.3.1   Request

URL Path	/editUser
Request Type	Put

1.3.2   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

1.3.3   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

1.3.4 Response Data

Object	Description
message	
status	Response status

1.3.5 Response Example

Success
```
{
    "message": "success",
    "status":" success"
}
```

Error
```
{
    "message": "general error",
    "status":"fail"
}
```

1.4 forget password

1.4.1 Request

URL Path	/forgetPassword
Request Type	POST

1.4.2 Request Parameter

Name	Type	Remarks

email	string	User email
phoneNumber	string	User phone number

1.4.3 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

1.4.4 Response Data

Object	Description
message	
status	Response status

1.4.5 Response Example

Success
```
{
    "message": "success",
    "status":" success"
}
```

Error
```
{
    "message": "general error",
    "status":"fail"
}
```

1.5 get all users

1.5.1 Request

URL Path	/getAllUser
Request Type	POST

1.5.2 Request Parameter

Name	Type	Remarks
roleId	int	role id

1.5.3 Validation

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

1.5.4 Response Data

Object	Description
message	
status	Response status

1.5.5 Response Example

Success
```
{
    "message": "success",
    "status":" success"
}
```

Error
```
{
    "message": "general error",
    "status":"fail"
}
```

1.6 get user profile by id

1.6.1 Request

URL Path	/getUserProfileById
Request Type	POST

1.6.2 Request Parameter

Name	Type	Remarks
userId	string	user id

1.6.3 Validation

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

1.6.4 Response Data

Object	Description
message	
status	Response status
data	user profile

1.6.5 Response Example

Success

```
{
    "message": "success",
    "status":" success",
    "data": {
            …
    }
}
```

Error

```
{
    "message": "general error",
    "status":"fail"
}
```

1.7 login

1.7.1 Request

URL Path	/login
Request Type	POST

1.7.2 Request header

Name	Type	Remarks
Authorization	string	Authorization

1.7.3 Validation

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

1.7.4 Response Data

Object	Description
message	
status	Response status
data	token

1.7.5 Response Example

Success

```
{
    "message": "success",
    "status":" success",
    "data": {
            …
    }
}
```

Error

```
{
    "message": "general error",
    "status":"fail"
}
```

get-activity-log-controller

1.8   Get Acticity log

1.8.1   Request

URL Path	/getAllActivityLogList
Request Type	POST

1.8.2   Request Parameter

Name	Type	Remarks
userId	string	User id
roleId	int	role id

1.8.3   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

1.8.4   Response Data

Object	Description
message	
status	Response status
data	Include activity log

1.8.5   Response Example
Success
{
    "message": "success",
    "status":" success",
    "data": [{
        …
    }, {
        …
    }]
}

Error

```
{
    "message": "general error",
    "status":"fail"
}
```

get-common-tree-name-controller

1.9 Get Family list

1.9.1 Request

URL Path	/getAllFamilyList
Request Type	Get

1.9.2 Validation

Validation	Message
Unauthorized	Unauthorized
General error	general error

1.9.3 Response Data

Object	Description
message	
status	Response status
data	Include family

1.9.4 Response Example

Success
{
    "message": "success",
    "status":" success",
    "data": [{
      …
    }, {
      …
    }]
}

Error
{
    "message": "general error",
    "status":"fail"
}

1.10 Get Master Tree List

1.10.1 Request

URL Path	/getAllMasterTreeTableList
Request Type	Get

1.10.2 Validation

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

1.10.3 Response Data

Object	Description
message	
status	Response status
data	Include master trees

1.10.4 Response Example

Success
```
{
    "message": "success",
    "status":" success",
    "data": [{
        …
    }, {
        …
    }]
}
```

Error
```
{
    "message": "general error",
    "status":"fail"
}
```

1.11   Get common and scientific name list

1.11.1 Request

URL Path	/getCommonAndScientificNameList
Request Type	Get

1.11.2 Validation

Validation	Message
Unauthorized	Unauthorized
General error	general error

1.11.3 Response Data

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

1.11.4 Response Example

Success

```
{
    "message": "success",
    "status":" success",
    "data": [{
        …
    }, {
        …
    }]
}
```

Error

```
{
    "message": "general error",
    "status":"fail"
}
```

1.12 Get Master Tree List

1.12.1 Request

URL Path	/getTreeTagList
Request Type	Get

1.12.2 Validation

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

1.12.3 Response Data

Object	Description
message	
status	Response status
data	tree tag list

1.12.4 Response Example

Success

```
{
    "message": "success",
    "status":" success",
    "data": [{
        ...
    }, {
        ...
    }]
}
```

Error

```
{
    "message": "general error",
    "status":"fail"
}
```

get-survey-record-controller

1.13 Get survey records

1.13.1 Request

URL Path	/getAllSurveyRecord
Request Type	Get

1.13.2 Request Parameter

Name	Type	Remarks
roleId	int	role id

1.13.3 Validation

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

1.13.4 Response Data

Object	Description
message	
status	Response status
data	Include survey records

1.13.5 Response Example
Success
{
    "message": "success",
    "status":" success",
    "data": [{
      …
    }, {
      …
    }]
}

Error
{
    "message": "general error",
    "status":"fail"
}

1.14   Get survey record by user id

1.14.1 Request

URL Path	/getSurveyRecordByUserId
Request Type	Get

1.14.2 Request Parameter

Name	Type	Remarks
userId	int	user id

1.14.3 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

1.14.4 Response Data

Object	Description
message	
status	Response status
data	Include survey records

1.14.5 Response Example
Success
```
{
    "message": "success",
    "status":" success",
    "data": [{
        …
    }, {
        …
    }]
}
```

Error
```
{
    "message": "general error",
    "status":"fail"
}
```

1.15 insert survey record

1.15.1 Request

URL Path	/insertSurveyRecord
Request Type	Post

1.15.2 Request Parameter

Name	Type	Remarks
data	json	survey data

1.15.3 Validation

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

1.15.4 Response Data

Object	Description
message	
status	Response status

1.15.5 Response Example

Success
```
{
    "message": "success",
    "status":" success"
}
```

Error
```
{
    "message": "general error",
    "status":"fail"
}
```
x

get-tsv-controller

1.16 Get tsv

1.16.1 Request

URL Path	/getTsv
Request Type	Get

1.16.2 Request Parameter

Name	Type	Remarks
userId	string	user id
roleId	int	role id

1.16.3 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

1.16.4 Response Data

Object	Description
message	
status	Response status
data	Include survey records

1.16.5 Response Example
Success
```
{
    "message": "success",
    "status":" success",
    "data": [{
        …
    }, {
        …
    }]
}
```

Error
```
{
    "message": "general error",
    "status":"fail"
}
```

1.17 Upload tsv

1.17.1 Request

URL Path	/uploadTsv
Request Type	Post

1.17.2 Request Parameter

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

1.17.3 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

1.17.4 Response Data

Object	Description
message	
status	Response status

1.17.5 Response Example
Success
```
{
    "message": "success",
    "status":" success",
}
```

Error
```
{
    "message": "general error",
    "status":"fail"
}
```

update-master-tree-table-controller

1.18   insert master tree

1.18.1 Request

URL Path	/insertMasterTreeTable
Request Type	Post

1.18.2 Request Parameter

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

1.18.3 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

1.18.4 Response Data

Object	Description
message	
status	Response status

1.18.5 Response Example

Success
{
    "message": "success",
    "status":" success",
}

Error
{
    "message": "general error",
    "status":"fail"
}

1.19   Get tsv

1.19.1 Request

URL Path	/updateMasterTreeTableById
Request Type	Put

1.19.2 Request Parameter

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

1.19.3 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

1.19.4 Response Data

Object	Description
message	
status	Response status

1.19.5 Response Example
Success
{
    "message": "success",
    "status":" success"
}

Error
{
    "message": "general error",
    "status":"fail"
}

update-survey-record-controller

1.20   accept survey record

1.20.1 Request

URL Path	/acceptSurveyRecord
Request Type	Post

1.20.2 Request Parameter

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

1.20.3 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

1.20.4 Response Data

Object	Description
message	
status	Response status

1.20.5 Response Example
Success
{
    "message": "success",
    "status":" success",
}

Error
{

```
        "message": "general error",
        "status":"fail"
    }
```

1.21 Update survey record

1.21.1 Request

URL Path	/updateSurveyRecord
Request Type	Put

1.21.2 Request Parameter

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

1.21.3 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

1.21.4 Response Data

Object	Description
message	
status	Response status

1.21.5 Response Example

Success
```
{
    "message": "success",
    "status":" success"
}
```

Error
```
{
    "message": "general error",
```

```
        "status":"fail"
}
```