

Description: Add a new user to the system.

Path: /users

HTTP Method: POST

Headers:

Authorization: Bearer <token>

Content-Type: application/json

Request Body: JSON

Parameter	Type	Required	Value
id	String	Yes	id of the user
password	String	Yes	Password which is used for login
firstName	String	Yes	First name of the user
lastName	String	Yes	Last name of the user
role	String	Yes	Role of the user. Can be either "employee" or "hr"
salary	Number	Yes	Salary of the user in Thai Baht

Example:

```
{
  "id": "151839201",
  "password": "89e01536ac207279409d4de1e5253e01f4a1769e696db0d6062ca9b8f56767c8"
  "firstName": "Adam"
  "lastName": "Smith"
  "role": "employee"
  "salary": 34000
}
```

Request Params: none

Request Query: none

Responses:

1. Successful user creation
 - Response Body: none
 - Status Code: 201 Created
2. Incorrect request body
 - Response Body: JSON

```
{
  "message": "The request could not be understood by the server due to malformed syntax."
}
```

- Status Code: 400 Bad Request

3. No authorization

Response Body: JSON

```
{
  "message": "The request requires user authentication or, if the request included authorization credentials, authorization has been refused for those credentials."
}
```

Status Code: 401 Unauthorized

Description: Get information of all users

Path: /users

HTTP Method: GET

Headers: Authorization: Bearer <token>

Request Body: none

Request Params: none

Request Query: none

Responses:

1. Successful query

Response Body: JSON

Parameter	Type	Value
id	String	id of the user
password	String	Password which is used for login
firstName	String	First name of the user
lastName	String	Last name of the user
role	String	Role of the user. Can be either "employee" or "hr"
salary	Number	Salary of the user in Thai Baht

Example:

```
{
  "id": "151839201",
  "password": "89e01536ac207279409d4de1e5253e01f4a1769e696db0d6062ca9b8f56767c8"
  "firstName": "Adam"
  "lastName": "Smith"
  "role": "employee"
  "salary": 34000
}
```

2. No authorization

Response Body: JSON

```
{
  "message": "The request requires user authentication or, if the request
  included authorization credentials, authorization has been refused for those
  credentials."
}
```

Status Code: 401 Unauthorized

Description: Update information of the specified user

Path: /users/{id}

HTTP Method: PUT

Headers:

Authorization: Bearer <token>

Content-Type: application/json

Request Body: JSON

Parameter	Type	Required	Value
id	String	Yes	id of the user
password	String	Yes	Password which is used for login
firstName	String	Yes	First name of the user
lastName	String	Yes	Last name of the user
role	String	Yes	Role of the user. Can be either "employee" or "hr"
salary	Number	Yes	Salary of the user in Thai Baht

Request Params:

Parameter	Type	Required	Value
id	String	Yes	id of the user

Request Query: none

Responses:

1. Successful information update
 - Response Body: none
 - Status Code: 201 Created
2. Incorrect request body or params
 - Response Body: JSON

```
{
  "message": "The request could not be understood by the server due to malformed syntax."
}
```

- Status Code: 400 Bad Request

3. No authorization

Response Body: JSON

```
{
  "message": "The request requires user authentication or, if the request included authorization credentials, authorization has been refused for those credentials."
}
```

Status Code: 401 Unauthorized

Description: Delete information of the specified user

Path: /users/{id}

HTTP Method: DELETE

Headers: Authorization: Bearer <token>

Request Params:

Parameter	Type	Required	Value
id	String	Yes	id of the user

Request Body: none

Request Query: none

Responses:

1. Successful information update
 - Response Body: none
 - Status Code: 204 No Content

2. Incorrect parameter

- Response Body: JSON

```
{
  "message": "The request could not be understood by the server due to malformed syntax."
}
```

- Status Code: 400 Bad Request

3. No authorization

Response Body: JSON

```
{
  "message": "The request requires user authentication or, if the request included authorization credentials, authorization has been refused for those credentials."
}
```

Status Code: 401 Unauthorized

Description: Add information of all users

Path: /users/search_by_info

HTTP Method: GET

Headers: Authorization: Bearer <token>

Request Body: none

Request Params: none

Request Query: JSON

Parameter	Type	Required
firstName	String	No
lastName	String	No
role	String	No

Responses:

1. Successful user creation
 - Response Body: none
 - Status Code: 201 Created
2. Incorrect request body
 - Response Body: JSON

```
{
  "message": "The request could not be understood by the server due to
malformed syntax."
}
```

- Status Code: 400 Bad Request

3. No authorization

Response Body: JSON

```
{
  "message": "The request requires user authentication or, if the request
included authorization credentials, authorization has been refused for those
credentials."
}
```

Status Code: 401 Unauthorized