

DOCUMENTATION COMP4537 Term Project TODOList

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Description of the Resources and URIs

1. **POST** /user/create

It's a POST method that allows users to sign up into the application, with email, password passed as body in the request. It sends jwt token as response.

2. **POST** /user/login

It's a POST method that allows the user to log into the application. If the user enters incorrect credentials or doesn't exist, alerts/ warnings are thrown. It sends jwt token as response.

3. **GET** /endpoints (auth required)

It's a GET method that fetches the count of total number of hits for all API routes.

4. **GET** /lists (auth required)

It's a GET method that all fetches all the TO-DO lists of the user. Response is a JSON object

5. **GET** /lists/{ listId }/items (auth required)

It's a GET method that all fetches all the list items of a particular list of the user. Response is a JSON object

6. **POST** /lists (auth required)

It's a POST method to create new TO-DO List. Accepts list description (string) in the request body

7. **POST** /lists/{ listId }/items (auth required)

It's a POST method to create new TO-DO List Item in a particular list. Accepts item description (string) in the request body.

8. **PUT** /lists/{ listId }

(auth required)

It's a PUT method to update existing TO-DO List. Accepts list description (string) in the request body

9. **PUT** /lists/{ listId }/items/{ itemId }
(auth required)

It's a PUT method to update existing TO-DO List Item in a particular list. Accepts item description (string) in the request body.

10. **DELETE** /lists/{ listId }
(auth required)

It's a DELETE method to delete existing TO-DO List of a user.

11. **DELETE** /lists/{ listId }/items/{ itemId }
(auth required)

It's a DELETE method to delete existing TO-DO List Item in a particular list.