Team Members:

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TO-DO APP Functionality:

All users have to sign-up/login to access features of this application.

This app helps user to create, read, update, delete to-do lists.

Each list can have multiple list items.

Additionally, all the list items can also be created, read, updated and deleted by the list owner.

API Documentation Link:

URL of the client app:

URL of the server app: <https://gurdensingh.live/api/v1/>

API Admin Credentials:

All users need authentication. All authenticated users have authorization to admin page. In client app, if you are not logged in already and go to admin url <url> it will ask you to go to login url <url> where you can use this user credentials:

Email: [test@test.com](mailto:test@test.com)

Password: testtest

GitHub URL: <https://github.com/KarelChanivecky/COMP4537_team_project>

10 Sample URIs:

* **POST** <https://gurdensingh.live/api/v1/user/create> //new user will not have any to-do lists or list items. Use API Admin Credentials from above for all other URIs/requests

In Postman, select “Body” > “raw” > “JSON” and enter following information:

{ “email” : “abc@abc.com”, “pass” : “abcabc” }

Graphical user interface, application, Teams

Description automatically generated

* **POST** <https://gurdensingh.live/api/v1/user/login>

In Postman, select “Body” > “raw” > “JSON” and enter following information:

{ “email” : “test@test.com”, “pass” : “testtest” }

IMPORTANT: /user/create and /user/login will return a “authToken” that must be used as a way of authorization in all other requests. As shown in screenshots

Graphical user interface, text, application, email

Description automatically generated

Copy the value of authToken (without the double-quotes). Go to Authorization, select type “Bearer Token” and paste the copied value in the Token input field

Graphical user interface, application

Description automatically generated

* **GET** <https://gurdensingh.live/api/v1/lists>
* **GET** <https://gurdensingh.live/api/v1/lists/4/items>
* **POST** <https://gurdensingh.live/api/v1/lists>

In Postman, select “Body” > “raw” > “JSON” and enter following information:

{ “description” : “post list test” }

* **POST** https://gurdensingh.live/api/v1/lists/4/items

In Postman, select “Body” > “raw” > “JSON” and enter following information:

{ “description” : “post list-item test” }

* **PUT** <https://gurdensingh.live/api/v1/lists/4>

In Postman, select “Body” > “raw” > “JSON” and enter following information:

{ “description” : “put list test” }

* **PUT** <https://gurdensingh.live/api/v1/lists/4/items/2>

In Postman, select “Body” > “raw” > “JSON” and enter following information:

{ “description” : “put list-item test” }

* **DELETE** <https://gurdensingh.live/api/v1/lists/4>
* **DELETE** <https://gurdensingh.live/api/v1/lists/4/items/2>
* **GET** <https://gurdensingh.live/api/v1/endpoints>