How APIs function:

Note: all functions that have @auth\_required require a username and password to be sent. They are currently hardcoded as “username” and “password” respectively.

**Articles:**

1.

#POST AN ARTICLE

@app.route("/article", methods = ['POST'])

@auth\_required

Go to the route localhost:5000/article and send a POST request with json in this format:

{ “title”: “<insert-title>”, “user\_id”: “<insert-id>” }

2.

#GET AN ARTICLE

@app.route("/article/<id>", methods = ['GET'])

@auth\_required

Go to the route localhost:5000/article/<id> where id is the article\_id and send a GET request and the article will return in the json format.

3.

#GET THE N MOST RECENT ARTICLES

@app.route("/articles/recent/<int:number>", methods = ['GET']

@auth\_required

Go to the route localhost:5000/articles/recent/<number> where <number> is the number of article to return and send a GET request.

4.

#DELETE AN ARTICLE

@app.route("/article/<id>", methods = ['DELETE'])

@auth\_required

Go to the route localhost:5000/article/<id> where id is the article\_id and send a DELETE request.

5.

#UPDATE AN ARTICLE

@app.route("/article/<id>/edit",methods=['POST'])

@auth\_required

Go to the route localhost:5000/article/<id>/edit where <id> is the article id and send a POST request with json in the following format: { “title”: “<insert-title>”, “body”: “<insert-body>” }.

6.

#RETRIEVE METADATA FOR N MOST RECENT ARTICLES

@app.route("/articles/recent/metadata/<int:number>", methods = ['GET'])

@auth\_required

Go to the route localhost:5000/articles/recent/metadata/<number> where <number> is the article\_id and send a GET request.

**Users:**

1.

#CREATE A USER

@app.route("/users/create", methods = ['POST'])

Go to the route localhost:5000/users/create and send POST request with json in the following

format { “email”: “<insert-email>”, “password”: “<insert-password>” }

2.

#CHANGE THE PASSWORD OF A USER

@app.route("/users/changepassword/<id>",methods=['POST'])

@auth\_required

Go to the route localhost:5000/users/changepassword and send a POST request with json in the following format { “user\_id”: “<insert-id>”, “password”: “<insert-password>” }

3.

#DELETE A USER

@app.route("/users/delete/<id>", methods =['DELETE'])

@auth\_required

Go to the route localhost:5000/users/delete/<id> where id is the user\_id and send a DELETE request.

**Comments:**

1.

#POST A COMMENT TO AN ARTICLE

@app.route("/articles/<int:article\_number>/comment/add", methods = ['POST'])

@auth\_required

Go to the route localhost:5000/articles/<number> where <number> is the article\_id and send a POST request with json in the following format { “comment\_text”: “<insert-comment>” }.

2.

#RETRIEVE THE N MOST RECENT COMMENTS TO AN ARTICLE

@app.route("/articles/<int:article\_number>/comments/<int:numComments>",

methods = ['GET'])

@auth\_required

Go to the route localhost:5000/articles/<article\_number>/comments/<numComments> where <article\_number> is the article\_id and <numComments> is the number of comments to return and send a GET request.

3.

#COUNT THE NUMBER OF COMMENTS FOR A GIVEN ARTICLE

@app.route("/articles/<int:article\_number>/comments/count", methods = ['GET'])

@auth\_required

Go to the route localhost:5000/articles/<article\_number>/comments/count where <article\_number> is the article\_id and send a GET request.

4.

#DELETE AN INDIVIDUAL COMMENT

@app.route("/comments/<int:comment\_id>", methods = ['DELETE'])

@auth\_required

Go to the route localhost:5000/comments/<commen\_id> where <comment\_id> is the comment\_id and send a DELETE request.

**Tags:**

1.

#ADD TAG TO AN ARTICLE

@app.route("/articles/<article\_number>/tags/create", methods = ['POST'])

@auth\_required

Go to the route localhost:5000/articles/<article\_number>/tags/create where <article\_number> is the article\_id and send a POST request with json in the following format

{ “tag”: “<insert-tag>” }.

2.

#RETRIEVE TAGS FOR AN ARTICLE

@app.route("/articles/<article\_number>/tags", methods = ['GET'])

Go to the route localhost:5000/articles/<article\_number>/tags where <article\_number> is the article\_id and send a GET request.

3.

#DELETE TAG FROM AN ARTICLE

@app.route("/article/<artNum>/tags/<tag>/delete", methods= ['DELETE'])

@auth\_required

Go to the route localhost:5000/articles/<artNum>/tags/<tag>/delete where <artNum> is the article\_id and <tag> is the tag text and send a DELETE request.

4.

#DELETE ONE OR MORE TAGS FROM AN ARTICLE

@app.route("/article/<artNum>/tags/delete", methods= ['DELETE'])

@auth\_required

Go to the route localhost:5000/articles/<artNum>/tags/delete where <artNum> is the article\_id send a DELETE request with json in the following format:

{ “article\_id”: “<insert-id>”, “tag1”: “<insert-tag>”, “tag2”: “<insert-tag>” }

Note: You can have multiple tags that are just sent as tag1, tag2, etc.

5.

#RETRIEVE A LIST OF ARTICLES WITH A GIVEN TAG

@app.route("/tag/<tag>/allarticles", methods = ['GET'])

@auth\_required

Go to the route localhost:5000/tag/<tag>/allarticles where <tag> is the tag\_text and send a GET request.