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Todoism Case  
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Setup

**1)**

(optional) Create virtual environment:   
*>python -m venv /path/to/new/virtual/environment*

**2)**

Navigate to you venv folder and clone Todoism project:

*>git clone https://github.com/Baunbaunbaun/todoism.git*

**3)**

Navigate to *todoism* folder

**4)**

Run python flask application:

*>pip install -r requirements.txt; python manage.py initdb; python manage.py run*

**5)**

Open your browser and confirm the app is alive.

<http://127.0.0.1:5000/>

**Help**

This is an implementation of the Flask tutorial found here:

https://flask.palletsprojects.com/en/2.2.x/tutorial/

**Credentials**

Username: *admin*

Password: *default*

Test Tasks Completed

The tests must be executed consecutively.

**New data field: *created\_at***

1. Open your browser and navigate to your local flask web app:
   1. <http://127.0.0.1:5000/>
2. Login with:
   1. Username: *admin*
   2. password: *default*
3. Enter this entry in the Todo
   1. Title: *Product*
   2. Text: *Pricing*
4. Confirm the todo-entry is echoed back to you on the screen with today’s date, your title and your text.

**New api endpoint: */api/search***

1. Enter this entry in the Todo
   1. Title: *Lego*
   2. Text: *Leg godt*
2. Confirm the todo-entry is echoed back to you on the screen together with the previous todo-entry.
3. Navigate to the below search endpoint (which searches for entries with ‘go’ in the title):
   1. <http://127.0.0.1:5000/api/search?q=go>
4. Confirm only the *Lego* todo-entry is echoed back to you on the screen.

**New HTTP request:** ***postman-echo.com***

1. Navigate to the terminal where you started up the Flask app
2. Confirm that your most recent todo entry is found in the postman logging in the terminal window. Notice the “data”-field and the status code.

**E.g.:**

Postman dump:

{

"args": {},

"data": {

"title": "Lego",

"text": "Leg godt",

"created\_at": "2024-03-19"

},

"files": {},

"form": {},

"headers": {

"x-forwarded-proto": "https",

"x-forwarded-port": "443",

"host": "postman-echo.com",

"x-amzn-trace-id": "Root=1-65f9f3cf-1e0ce2483389ebc151160fd1",

"content-length": "65",

"user-agent": "python-requests/2.28.2",

"accept-encoding": "gzip, deflate",

"accept": "\*/\*",

"content-type": "application/json"

},

"json": {

"title": "Lego",

"text": "Leg godt",

"created\_at": "2024-03-19"

},

"url": "https://postman-echo.com/post"

}

Echo Postman Status: 200