Додаток Б.1

**Код програми головного файлу користувацького інтерфейсу main.py**

#!/usr/bin/env python3

# -\*- coding: utf-8 -\*-

import cgi

import html

import http.cookies

import os

import re

import urllib.request as urllib2

from engine import DataBase

wall = DataBase()

notific = ''

header = '...'

out = ''

form = cgi.FieldStorage()

delete = form.getfirst("delete", "")

delete = html.escape(delete)

search = form.getfirst("search", "")

search = html.escape(search)

if delete != '':

wall.delete\_article(int(delete))

articles = wall.get\_all\_articles()

elif search != '':

articles = wall.search\_operators(search)

notific = 'За запитом "<b>' + search + '</b>" знайдено записів: <b>' + str(len(articles)) + '</b><br><a href="/cgi-bin/main.py">Повернутись до всіх записів</a>'

else:

articles = wall.get\_all\_articles()

##########################################################################

## PRINTING ##

##########################################################################

file = open('html/pattern.html', 'r')

pattern = file.read()

header = 'All operators'

out ="""

<a href="/cgi-bin/main.py" class="menu" >Всі оператори</a>

<a href="/cgi-bin/add\_operator.py" class="menu" >Додати оператор</a>

<form action="/cgi-bin/main.py" style="display: inline; ">

<input name="search" type="text" placeholder="Пошук">

<button type="submit">Пошук</button>

</form>

<hr>

<table>

<tr>

Додаток Б.2

<!--<td><h3>ID</h3></td>-->

<td><h3>Оператор</h3></td>

<td><h3>Приклад</h3></td>

<td><h3>Опис</h3></td>

<td><h3>Навігація</h3></td>

</tr>

"""

for article in articles:

out += '<tr>'

# out += "<td>" + str(article[0]) + "</td>"

out += "<td>" + str(article[1]) + "</td>"

out += "<td>" + str(article[2]) + "</td>"

out += "<td>" + str(article[3]) + "</td>"

out += "<td style='width: 100px;'>"

out += "<a href='/cgi-bin/edit\_operator.py?id=" + str(article[0]) + "&operator=" + article[1] + "&example=" + article[2] + "&desc=" + article[3] + "'><img src='../html/img/edit.png' style='width: 25px; padding: 4px;'></a>"

out += "<a href='?delete=" + str(article[0]) + "' ><img src='../html/img/delete.ico' style='width: 25px; padding: 4px;'></a>"

out += "</td>"

out += '</tr>'

# OUT

print('Content-type: text/html\n')

print(pattern.format(title=header, content=out, notifications=notific))