

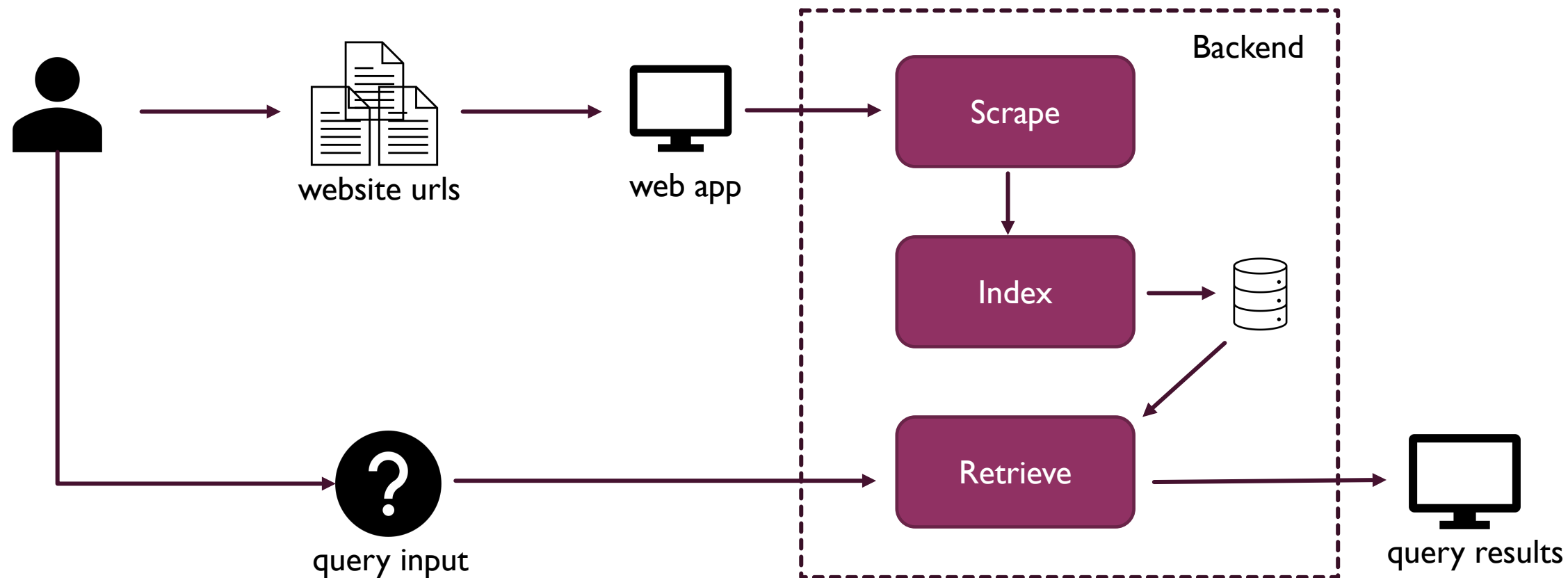


CS410 COURSE PROJECT

SAVEIT - PANTHER MODERNS



APP OVERVIEW



APP INSTALLATION

- Clone the project's git repo:
`git clone https://github.com/styloooo/CourseProject.git`
- Create a virtual environment for the project (one option is to use [virtualenvwrapper](#), follow this link to download the package and activate a virtual environment)
- Install the project dependencies. Executes from the top project directory:
`pip install -r requirements.txt`
- Generate a Django secret key:
`python -c 'from django.core.management.utils import get_random_secret_key; print(get_random_secret_key())'`
- With your newly created virtual environment activated, open this text file: `$VIRTUAL_ENV/bin/postactivate` and add the value generated by the previous command to the environmental variable `DJANGO_SECRET_KEY`:
`export DJANGO_SECRET_KEY='secret-key-that-you-just-generated'`

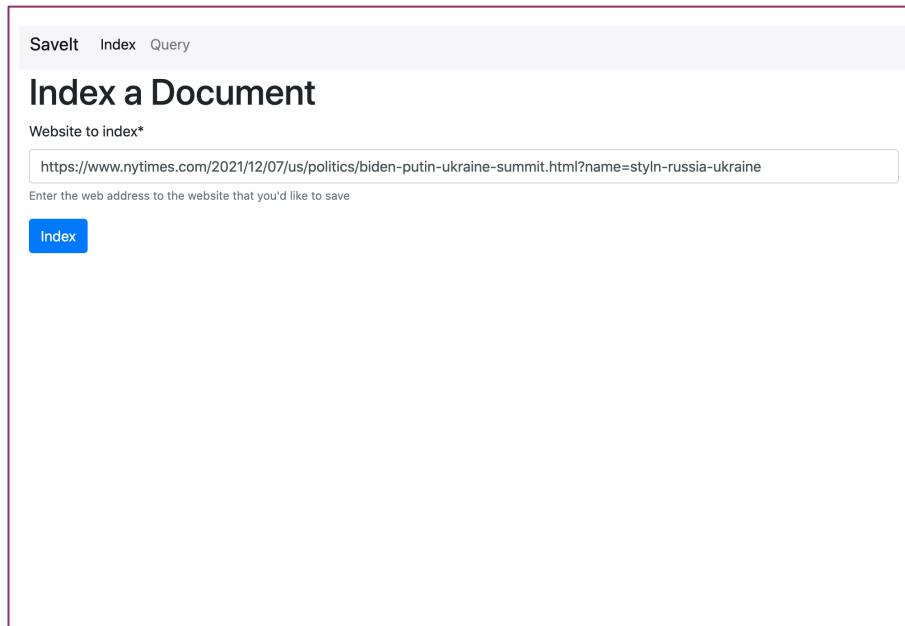
APP INSTALLATION

- Push the database migrations:
`./bin/makemigrations.sh`
`./bin/migrate.sh`
- Download the required NLTK corpora:
`./bin/setup_nltk.sh`
- Seed the database with a set of initial documents:
`./bin/seed_db.sh`
- Finally, to run the APP:
`./bin/runserver.sh`

* If any issues are encountered during the installation/set-up process, please refer to <https://github.com/styloooo/CourseProject/blob/main/README.md> for detailed instructions (e.g: set-up steps without virtual environment set-up)

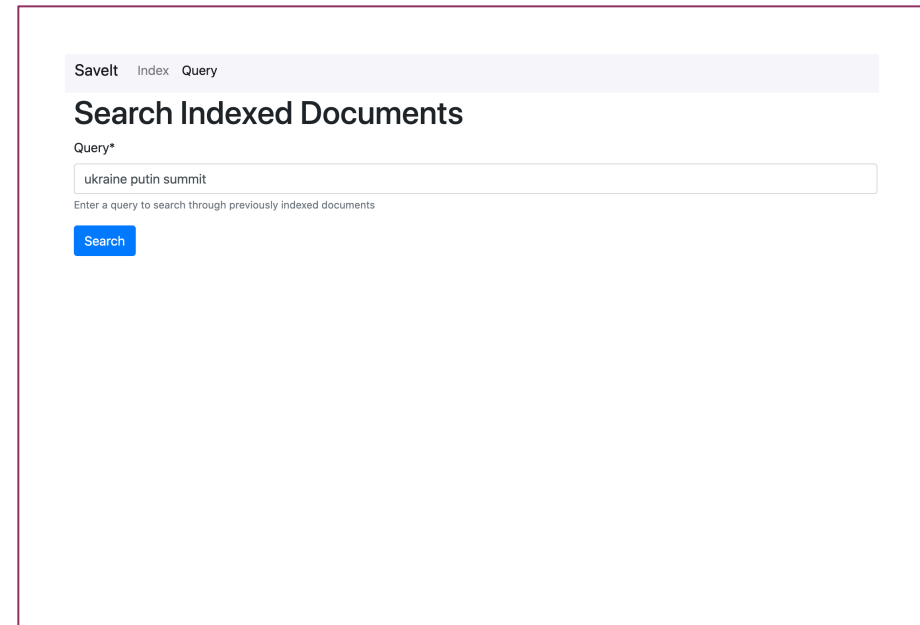
INSTRUCTIONS TO USE THE APP

1. Users will input a URL on the APP that they want to save and index in the database



The screenshot shows the 'Index a Document' page of the Savelt application. At the top, there is a navigation bar with 'Savelt', 'Index', and 'Query' tabs. The main heading is 'Index a Document'. Below it, the label 'Website to index*' is followed by a text input field containing the URL 'https://www.nytimes.com/2021/12/07/us/politics/biden-putin-ukraine-summit.html?name=styl%3A-russia-ukraine'. A small instruction below the input field reads 'Enter the web address to the website that you'd like to save'. At the bottom left, there is a blue button labeled 'Index'.

2. Users will then input a query on the app



The screenshot shows the 'Search Indexed Documents' page of the Savelt application. At the top, there is a navigation bar with 'Savelt', 'Index', and 'Query' tabs. The main heading is 'Search Indexed Documents'. Below it, the label 'Query*' is followed by a text input field containing the query 'ukraine putin summit'. A small instruction below the input field reads 'Enter a query to search through previously indexed documents'. At the bottom left, there is a blue button labeled 'Search'.

INSTRUCTIONS TO USE THE APP

3. The APP will be able to return a ranked list of previously indexed documents that are relevant to the input query

[Savelt](#) [Index](#) [Query](#)

Browse Results

This is what we found for query **ukraine putin summit**

Biden and Putin Hold Virtual Summit Over Ukraine - The New York Times
Biden and Putin Hold Virtual Summit Over Ukraine - The New York Times SectionsSEARCHSkip to contentSkip to site indexPoliticsToday's PaperPolitics|'Greetings, Mr. President': Biden and Putin Hold 2-Hour Virtual Summit<https://www.nytimes.com/2021/12/07/us/>

Ally, Member or Partner? NATO's Long Dilemma Over Ukraine. - The New York Times
Ally, Member or Partner? NATO's Long Dilemma Over Ukraine. - The New York Times SectionsSEARCHSkip to contentSkip to site indexEuropeToday's PaperEurope|Ally, Member or Partner? NATO's Long Dilemma Over Ukraine.<https://www.nytimes.com/2021/12/08/world/eur>

Ukraine - Wikipedia
Ukraine - Wikipedia Ukraine From Wikipedia, the free encyclopedia Jump to navigation Jump to search Country in Eastern Europe This article is about the country. For other uses, see Ukraine (disambiguation). "UKR" redirects here. For other uses, see UKR (d

SAMPLE USE CASE - CLICK THE BLACK BOX TO SEE A DEMO

1. Get a URL to index
2. Enter that URL into the index input
3. Browse to the query page
4. Enter a query relevant to that indexed document's page text
5. Browse ranked list of retrieved documents
6. Click through to URL of indexed document

