

SOCIAL SENTIMENT TRENDS PROJECT

Demo Presentation



SENTIMENT X

OUR TEAM



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DATS team trainee
data engineer



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DATS team trainee
machine learning engineer



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DATS team trainee
fullstack engineer

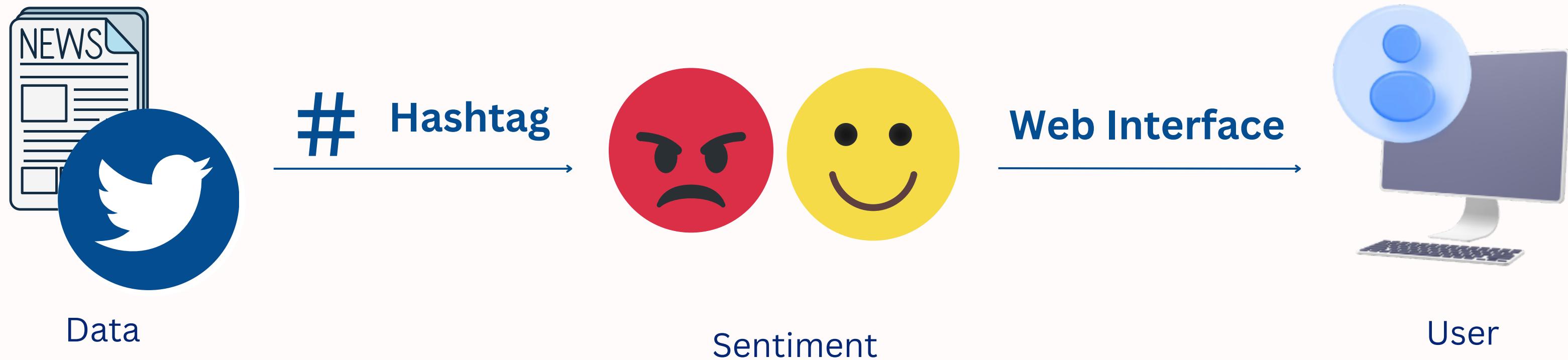
AGENDA

- O1** ABOUT THE PROJECT
- O2** OBJECTIVES OF THE PROJECT
- O3** ARCHITECTURE AND ENVIRONMENT
- O4** SYSTEM FLOW
- O5** FEATURES OVERVIEW
- O6** KNOW ISSUE
- O7** SCENARIO DEMO
- O8** QUESTION AND SUGGESTION

ABOUT THE PROJECT

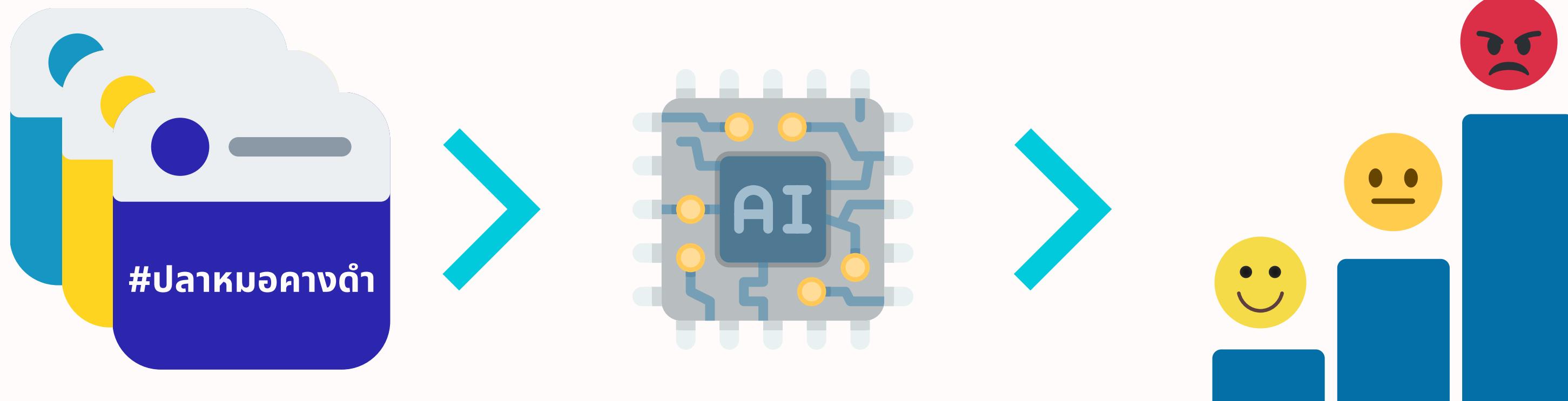
internship project

project duration: 6 weeks

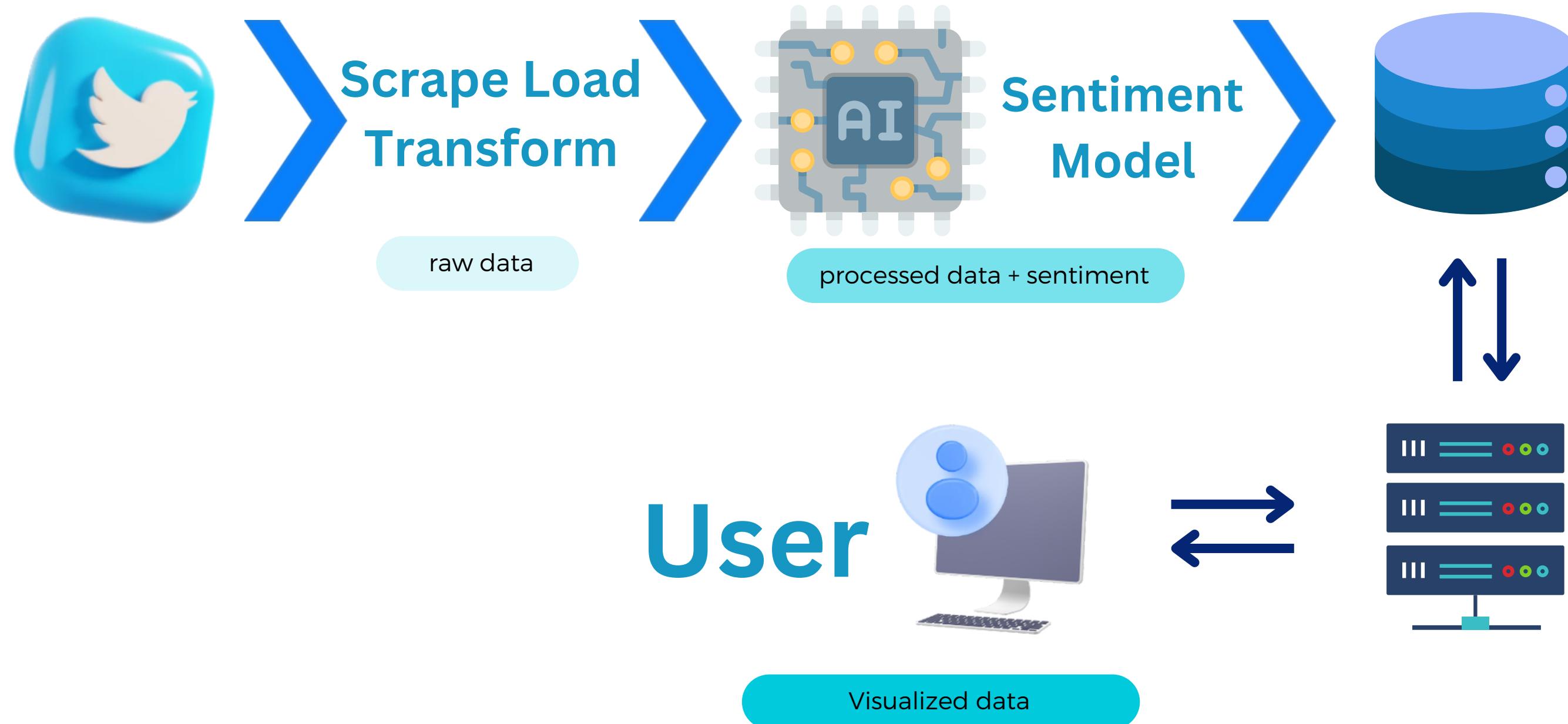


OBJECTIVES

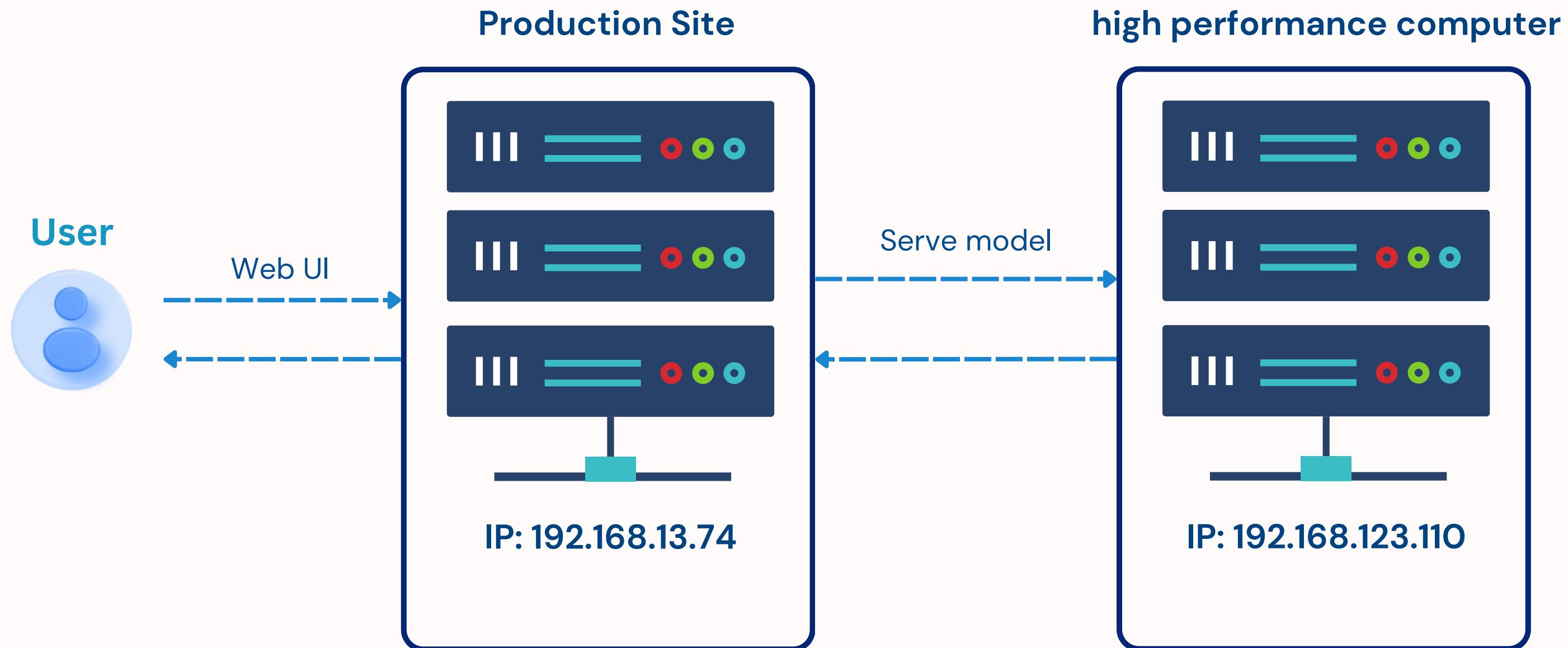
To analyze social sentiment trend on specific hashtag.



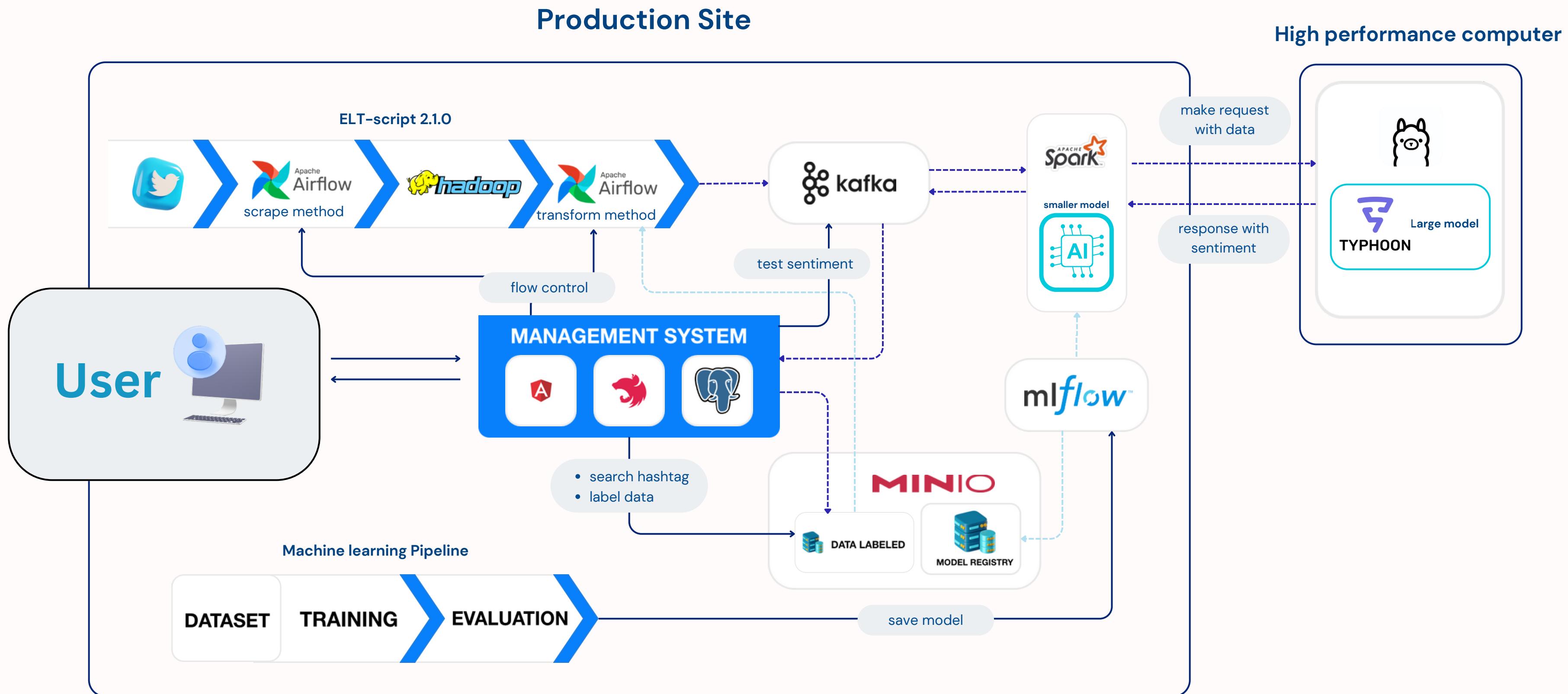
ARCHITECTURE: OVERVIEW



ARCHITECTURE

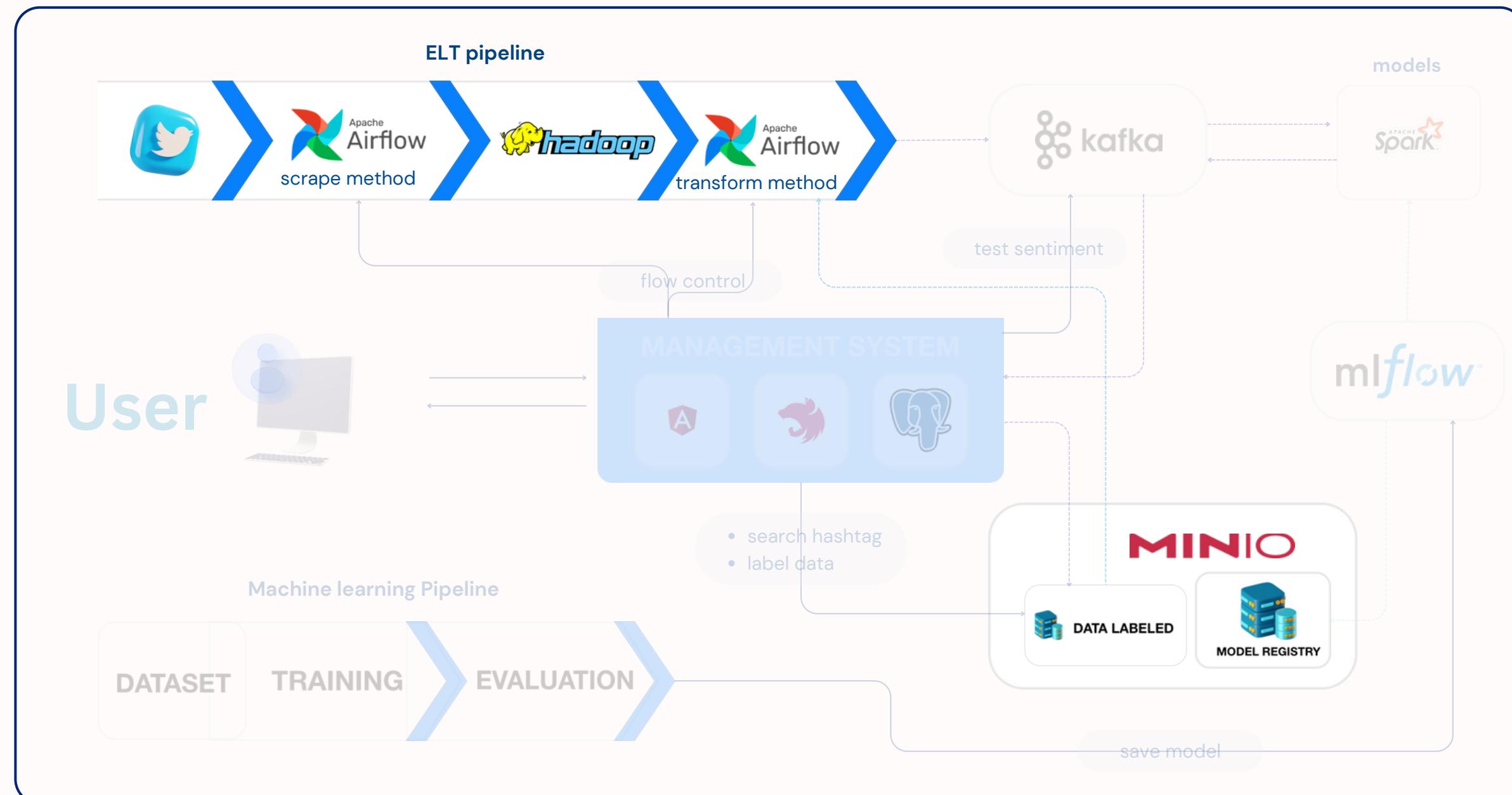


ARCHITECTURE



ENVIRONMENT

Version 1.1.0-beta.1



ELT-script 2.1.0

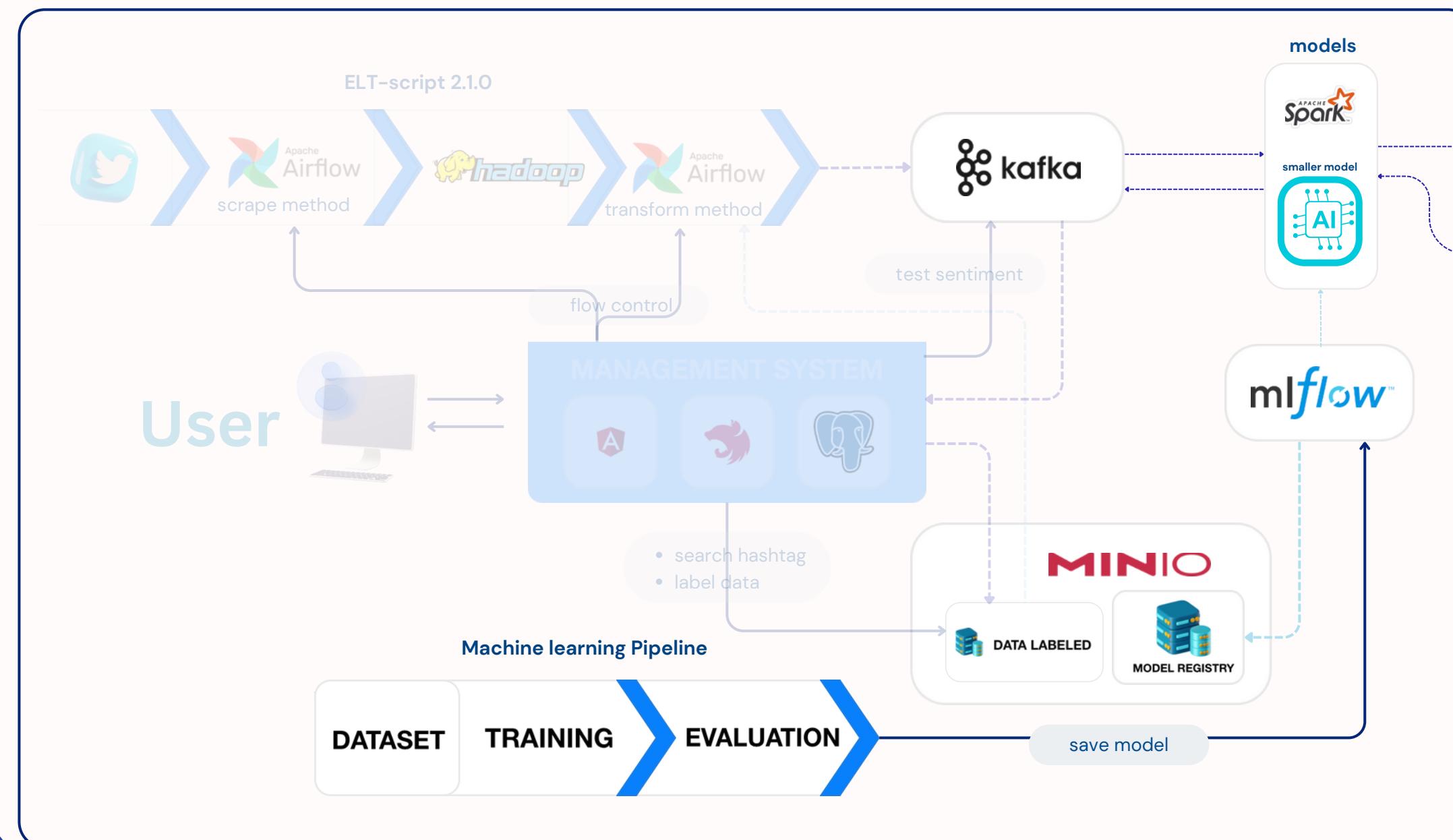
- apache/airflow:2.7.3-python3.10
- confluentinc/cp-zookeeper:7.6.1
- confluentinc/cp-kafka:7.6.1

Database

- minio/minio:RELEASE.2024-07-04T14-25-45Z
- bde2020/hadoop-namenode:2.0.0-hadoop3.2.1-java8
- bde2020/hadoop-datanode:2.0.0-hadoop3.2.1-java8

ENVIRONMENT

Version 1.1.0-beta.1



High performance computer

Sentiment-analysis-script 1.2.0

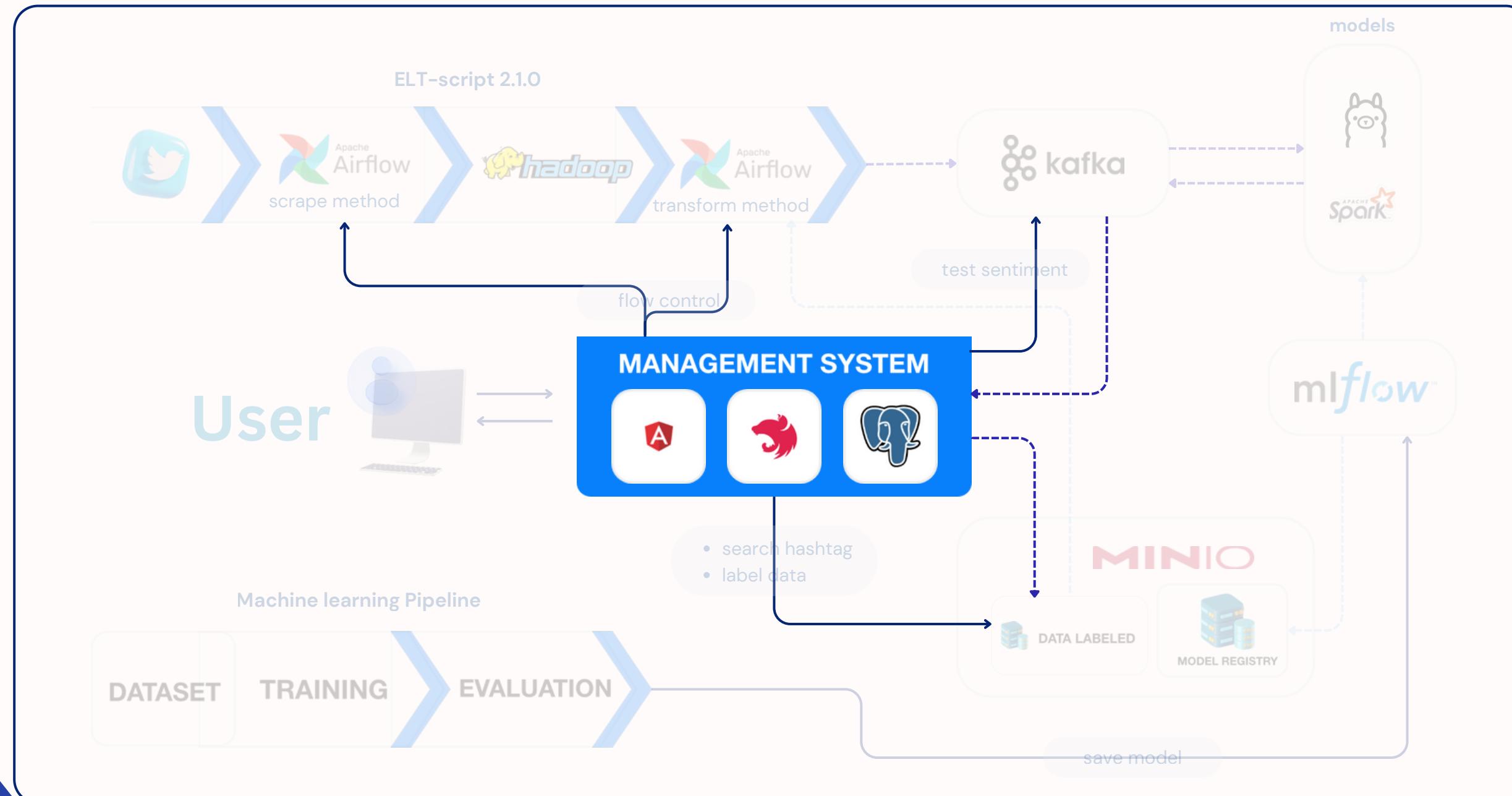
- confluentinc/cp-zookeeper:7.6.1
- confluentinc/cp-kafka:7.6.1
- bitnami/spark:3.4.3
- apache/spark:3.5.1
- mlflow:2.14.1
- Ollama:0.2.8

Database

- minio/minio:RELEASE.2024-07-04T14-25-45Z

ENVIRONMENT

Version 1.1.0-beta.1



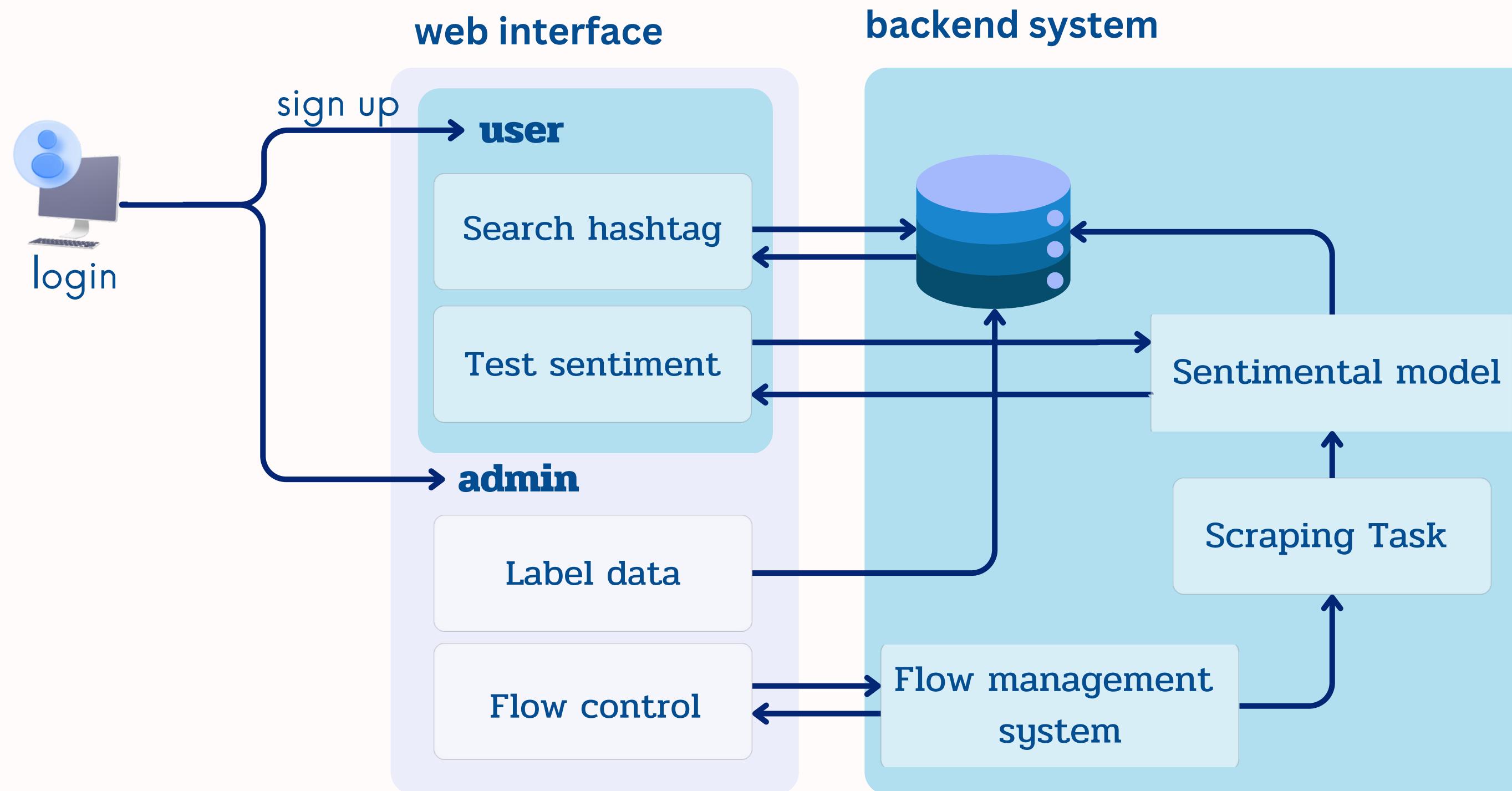
Sentiment x 1.4.1

- angular:18
- nestjs:10.0.0
- node:20
- confluentinc/cp-zookeeper:7.6.1
- confluentinc/cp-kafka:7.6.1

Database

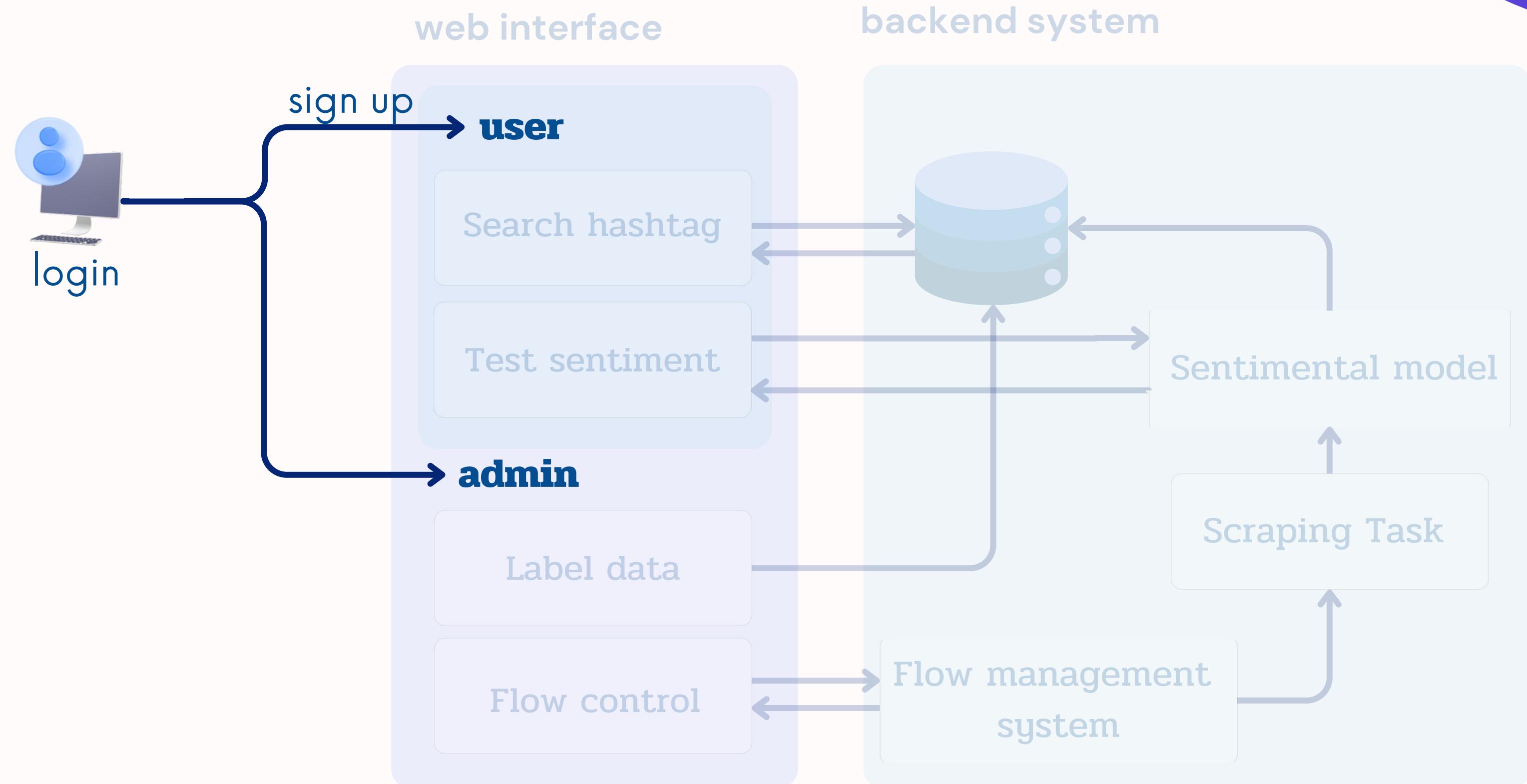
- postgresql 16
- minio/minio:RELEASE.2024-07-04T14-25-45Z

SYSTEM FLOW

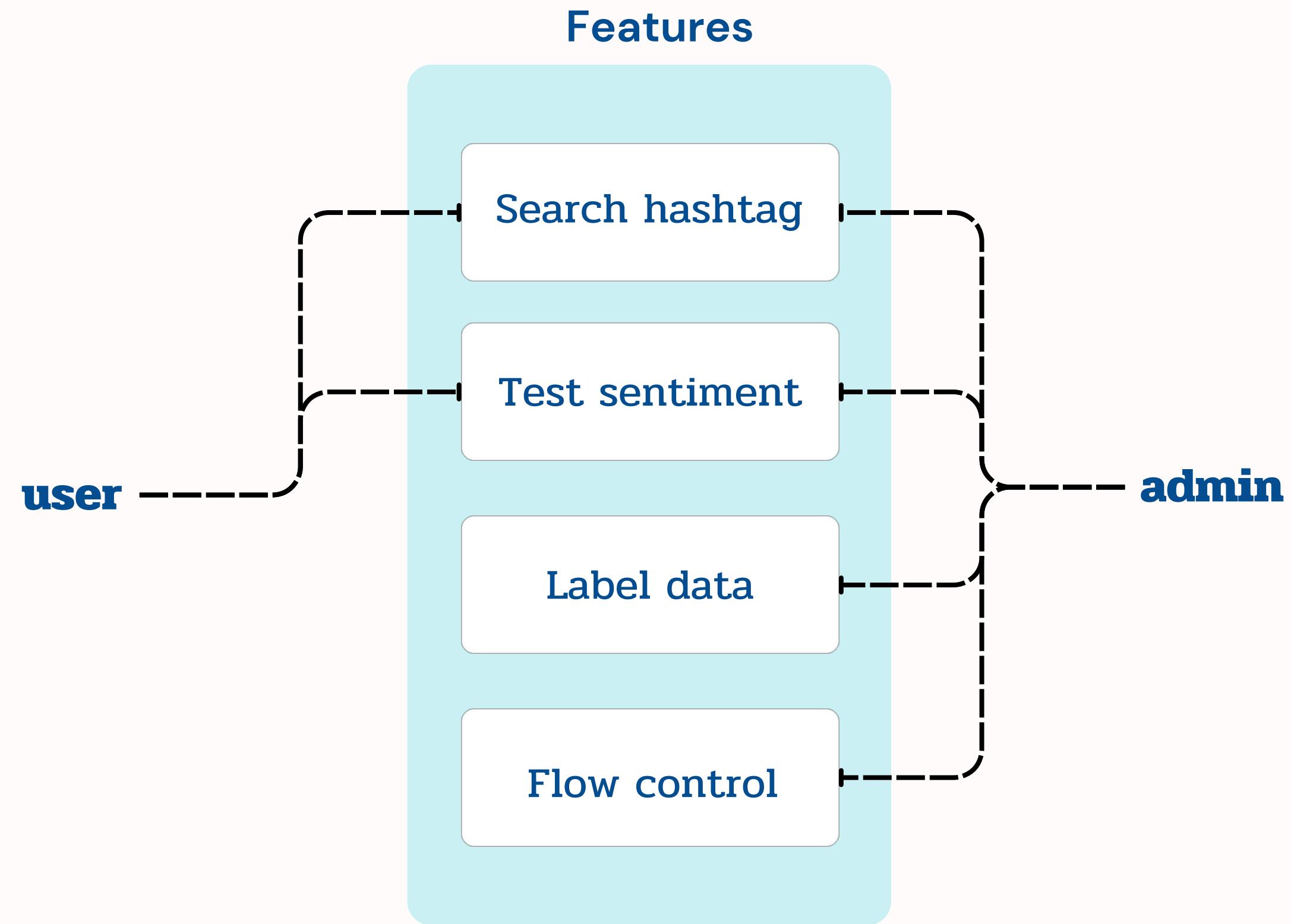


FEATURES OVERVIEW

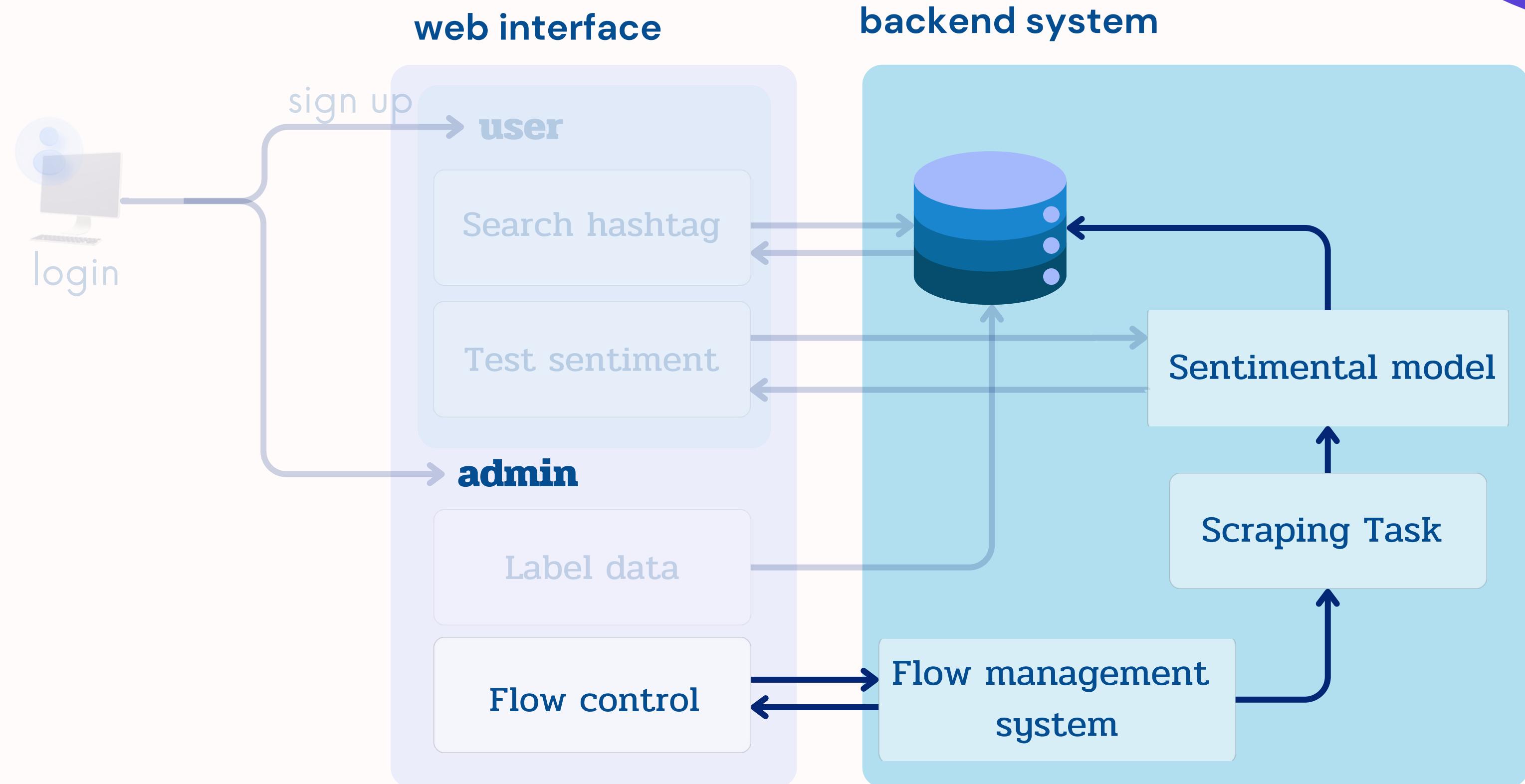
OVERVIEW: AUTHORIZATION



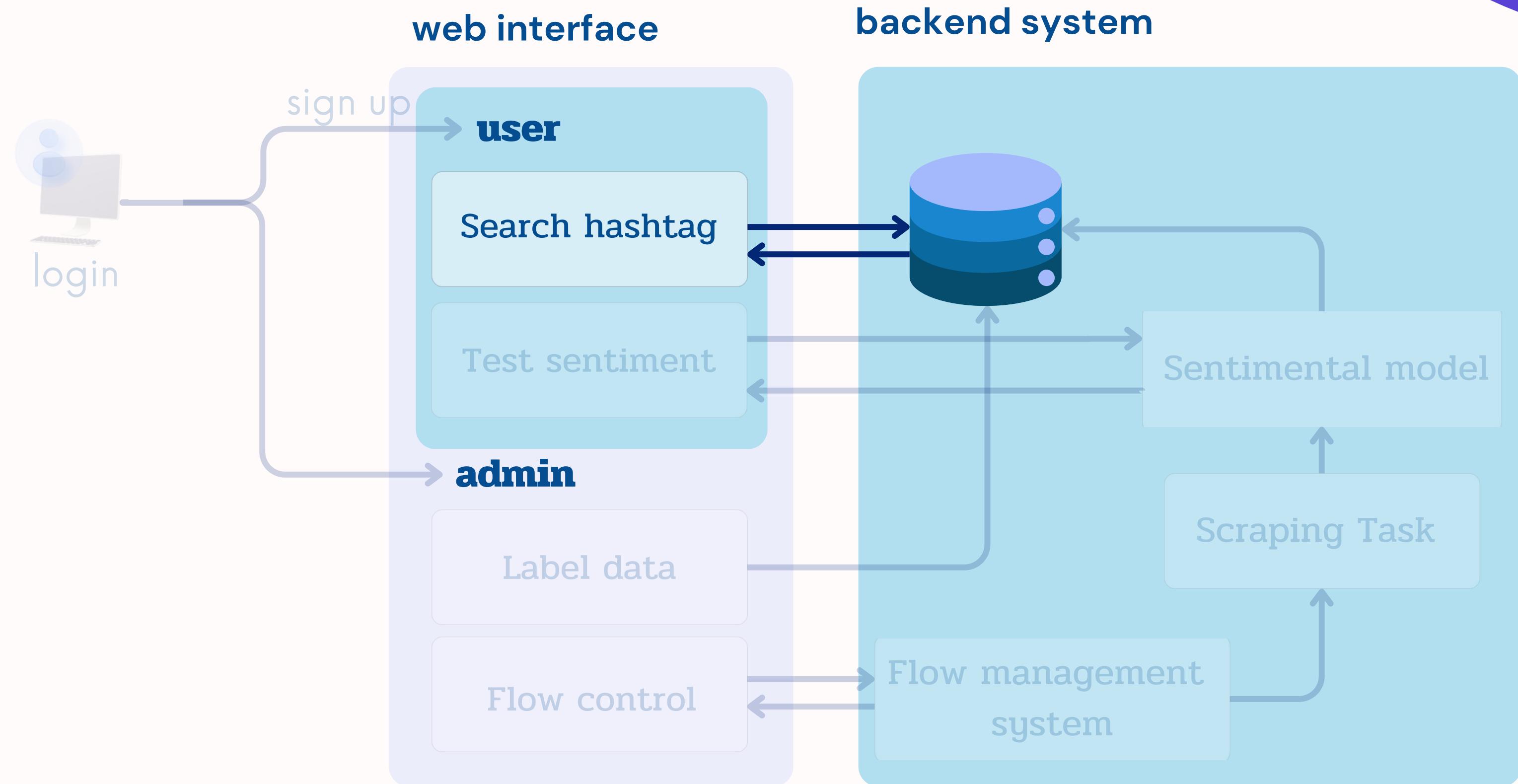
OVERVIEW: AUTHORIZATION



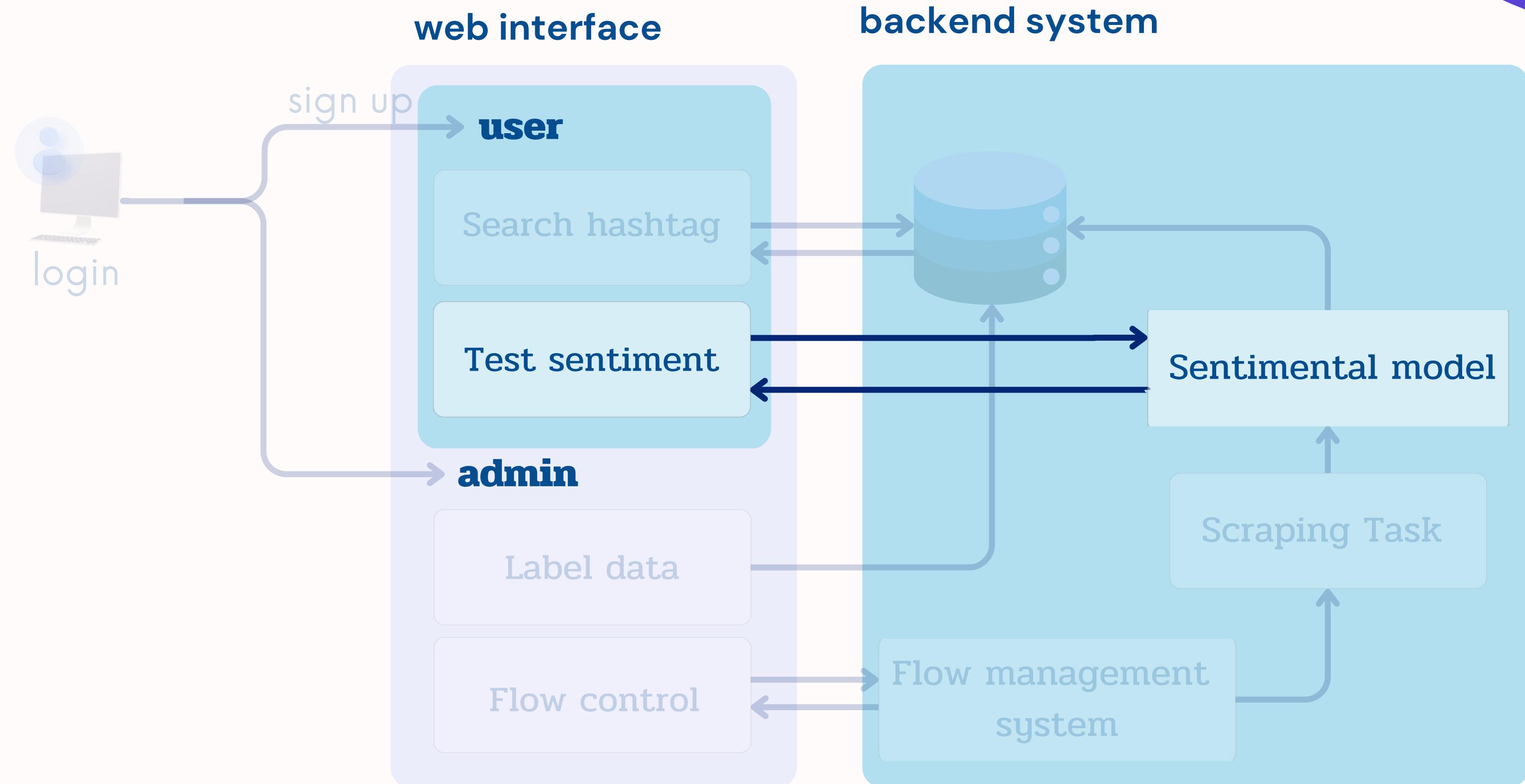
OVERVIEW: FLOW CONTROL



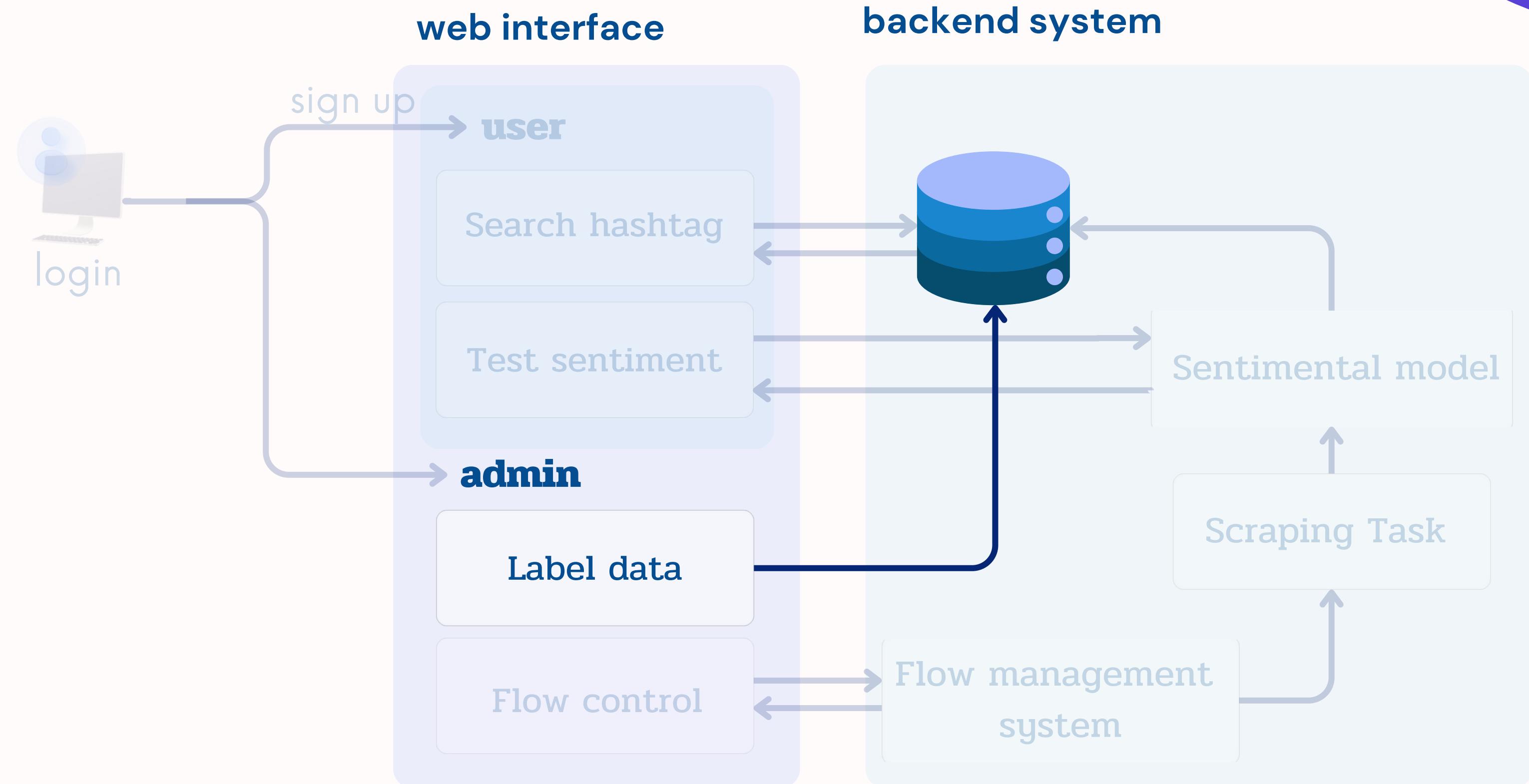
OVERVIEW: SEARCH HASHTAG



OVERVIEW: TEST SENTIMENT



OVERVIEW:LABEL DATA



KNOW ISSUE

Feature that are not include in the demo

- Machine learning model management page

Issue and limitation

- Limitation of using third party service for scraping
- Cannot select scraping and transforming method in ELT pipeline
- After scraping, the page is needed to refresh after 1 minute to update data
- Admin account can only be created by directly modifying account data in database
- Model served by Ollama on high performance computer cannot be manage by Mlflow

DOCUMENTATION

Documents

- airflow document
- angular document
- apache kafka document
- NestJS document
- Hadoop document
- Minio document
- MLflow document
- Postgresql document
- scrapeapi document

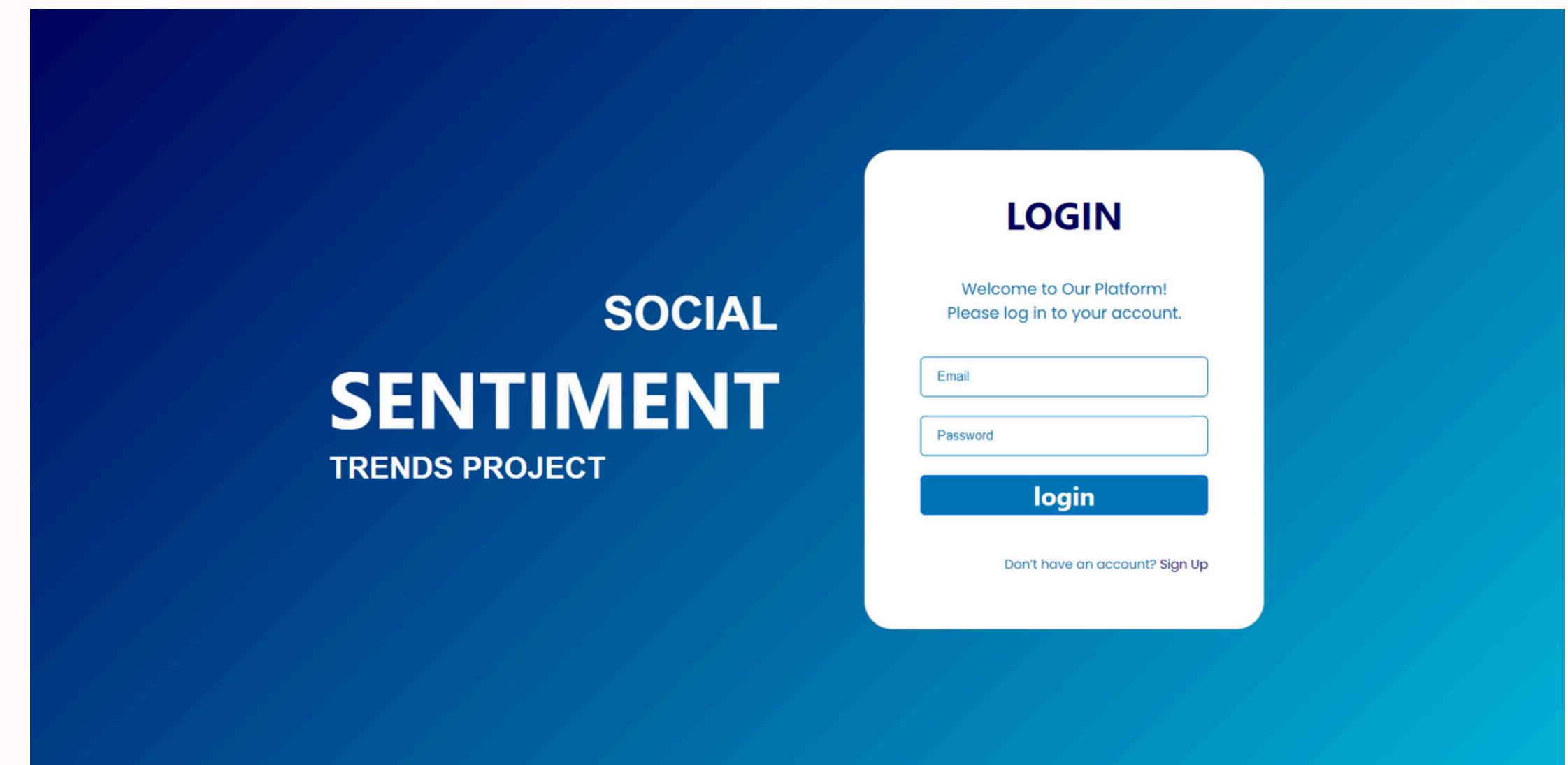


SCENARIO DEMO



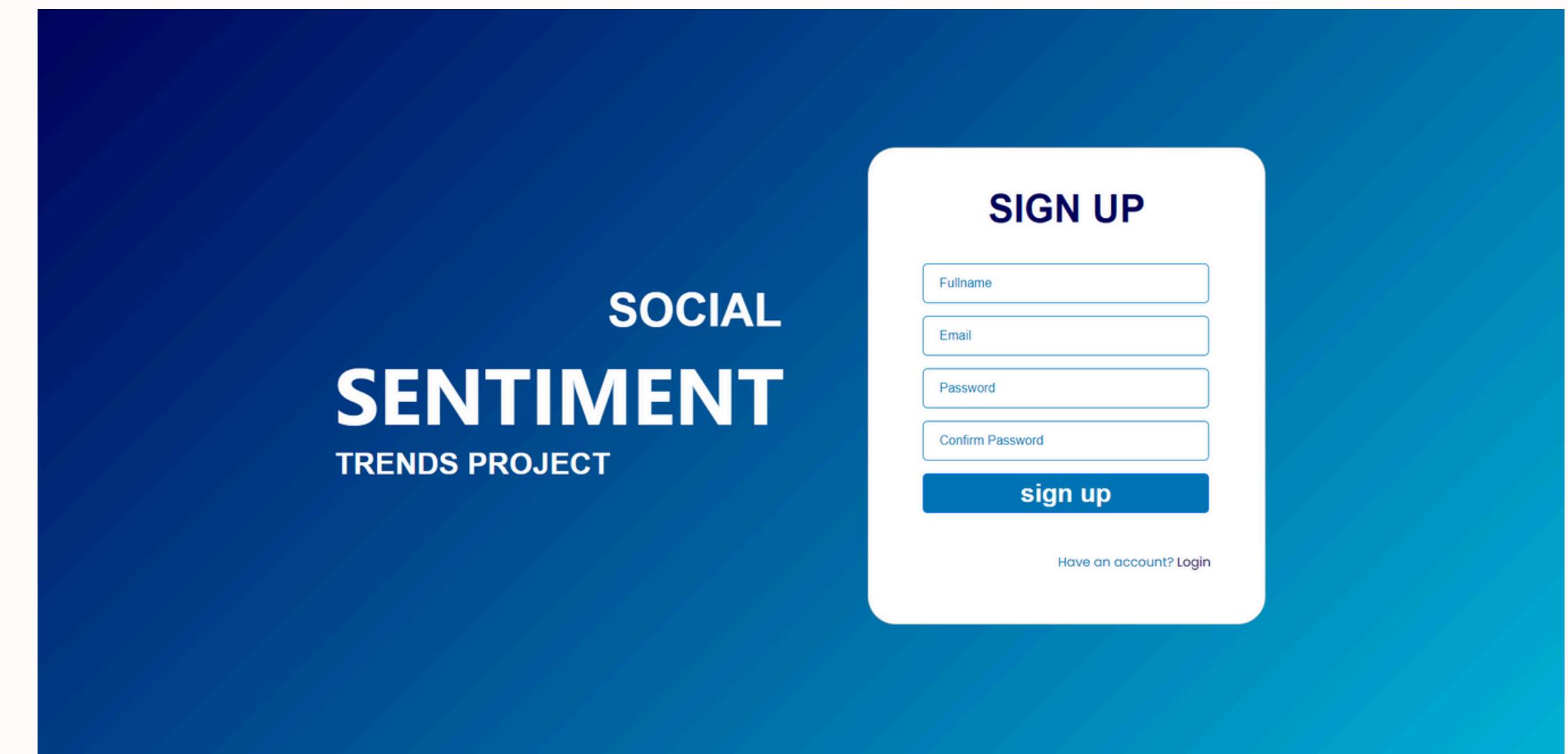
SCENARIO 1: SIGNUP AND LOGIN

1. access webserver



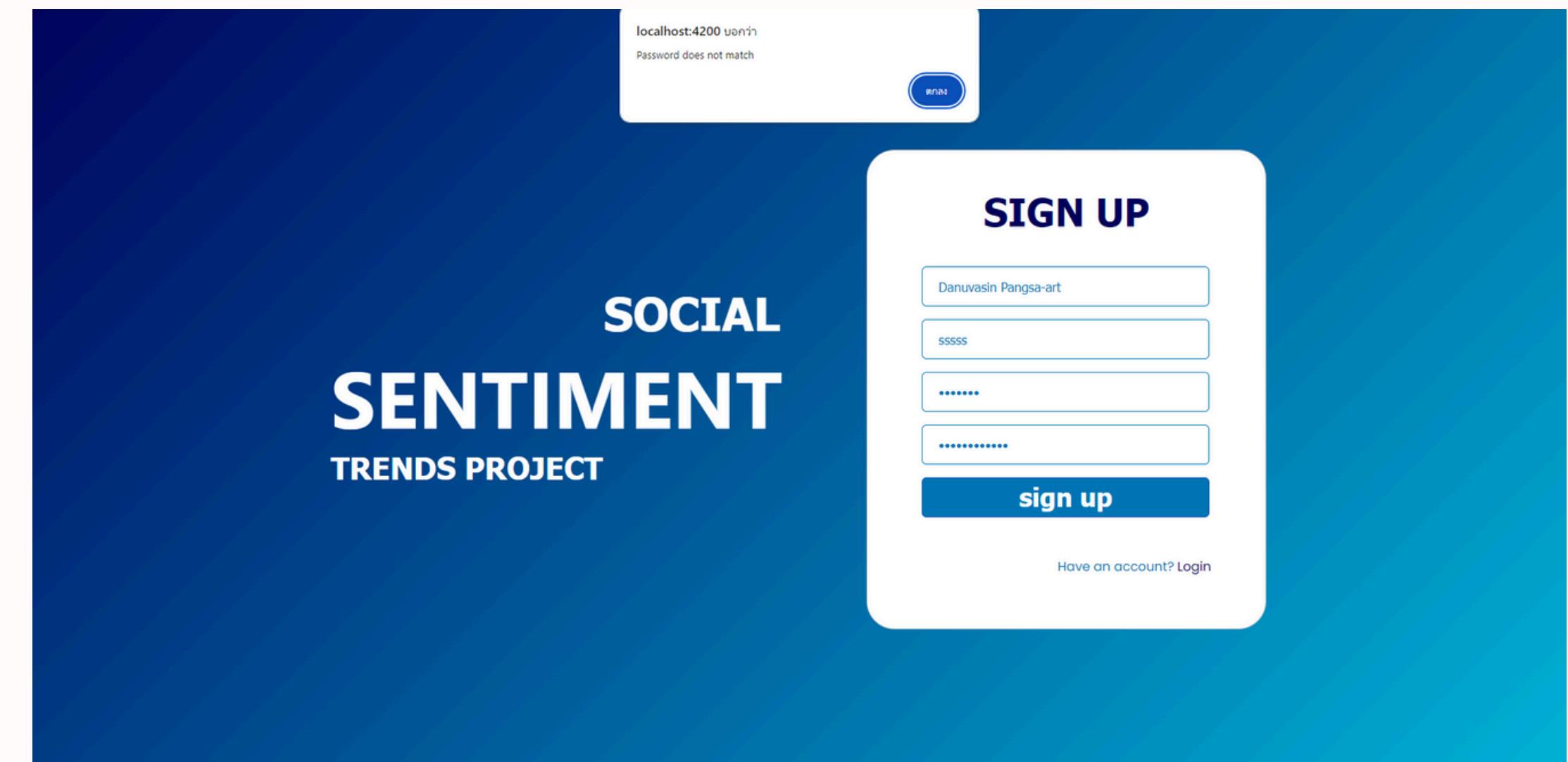
SCENARIO 1: SIGNUP AND LOGIN

1. access webserver
2. sign up for the new account



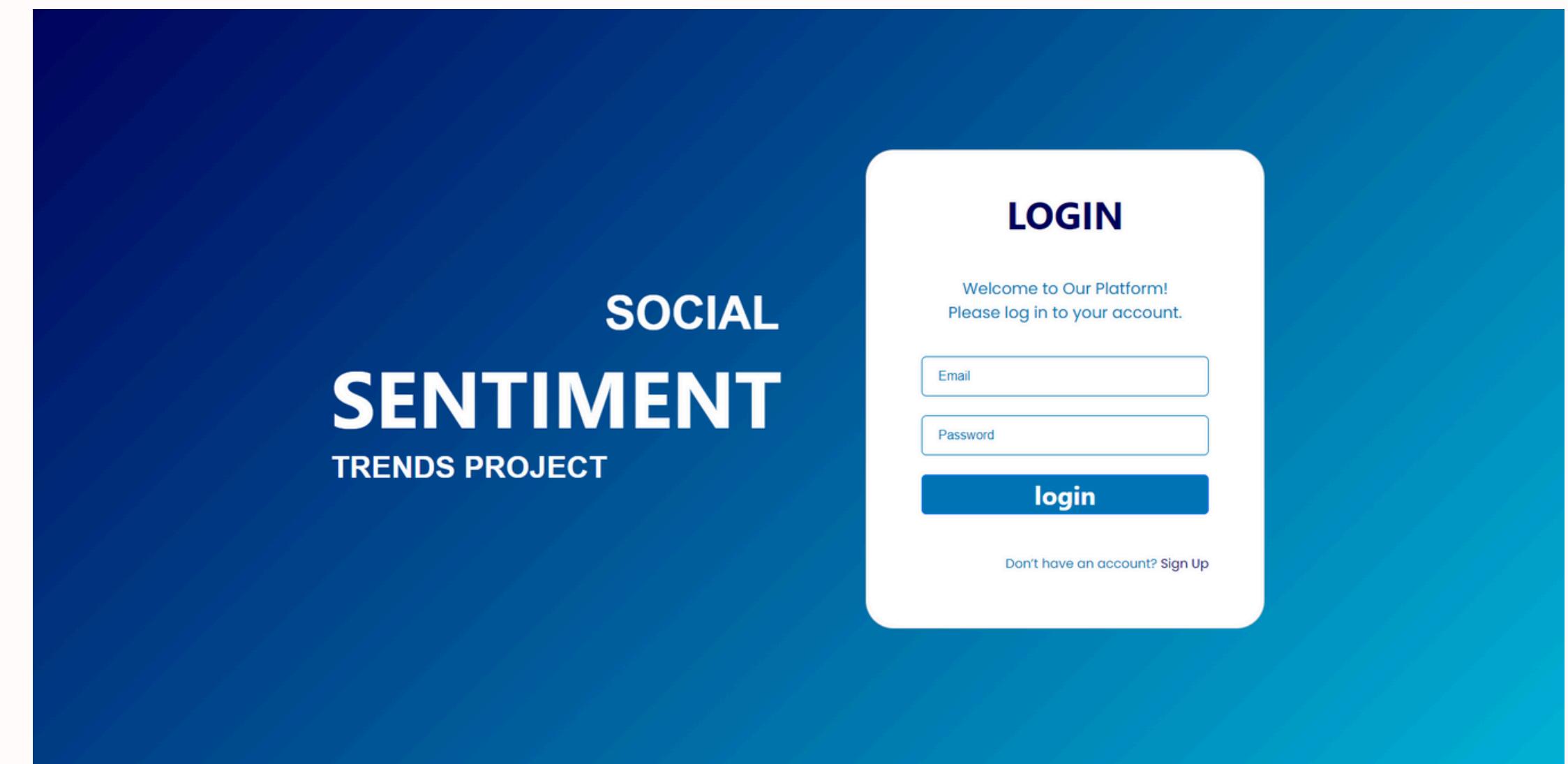
SCENARIO 1: SIGNUP AND LOGIN

1. access webserver
 2. sign up for the new account
 - a. sign up fail



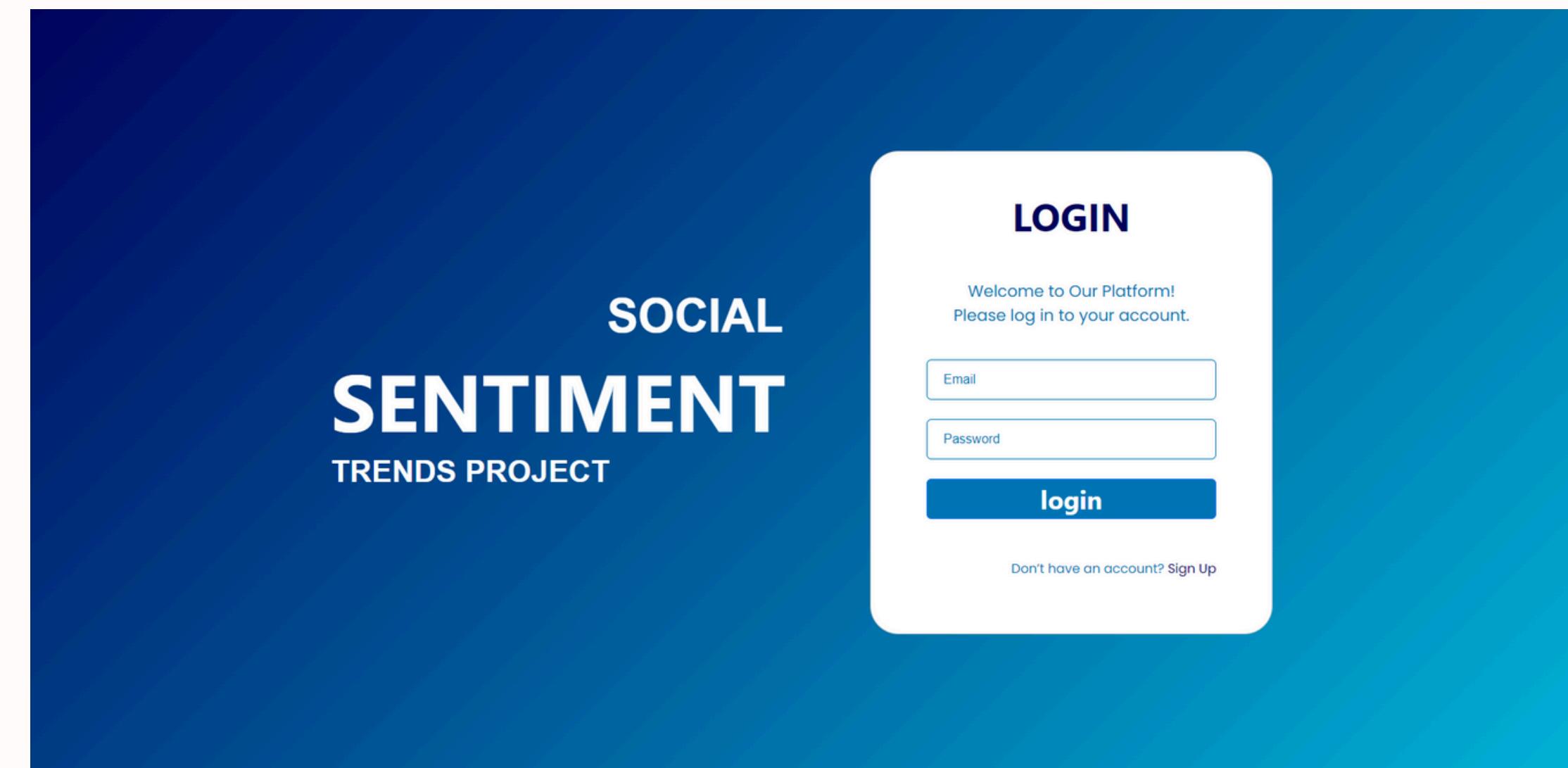
SCENARIO 1: SIGNUP AND LOGIN

1. access webserver
2. sign up for the new account
 - a. sign up fail
3. sign up success



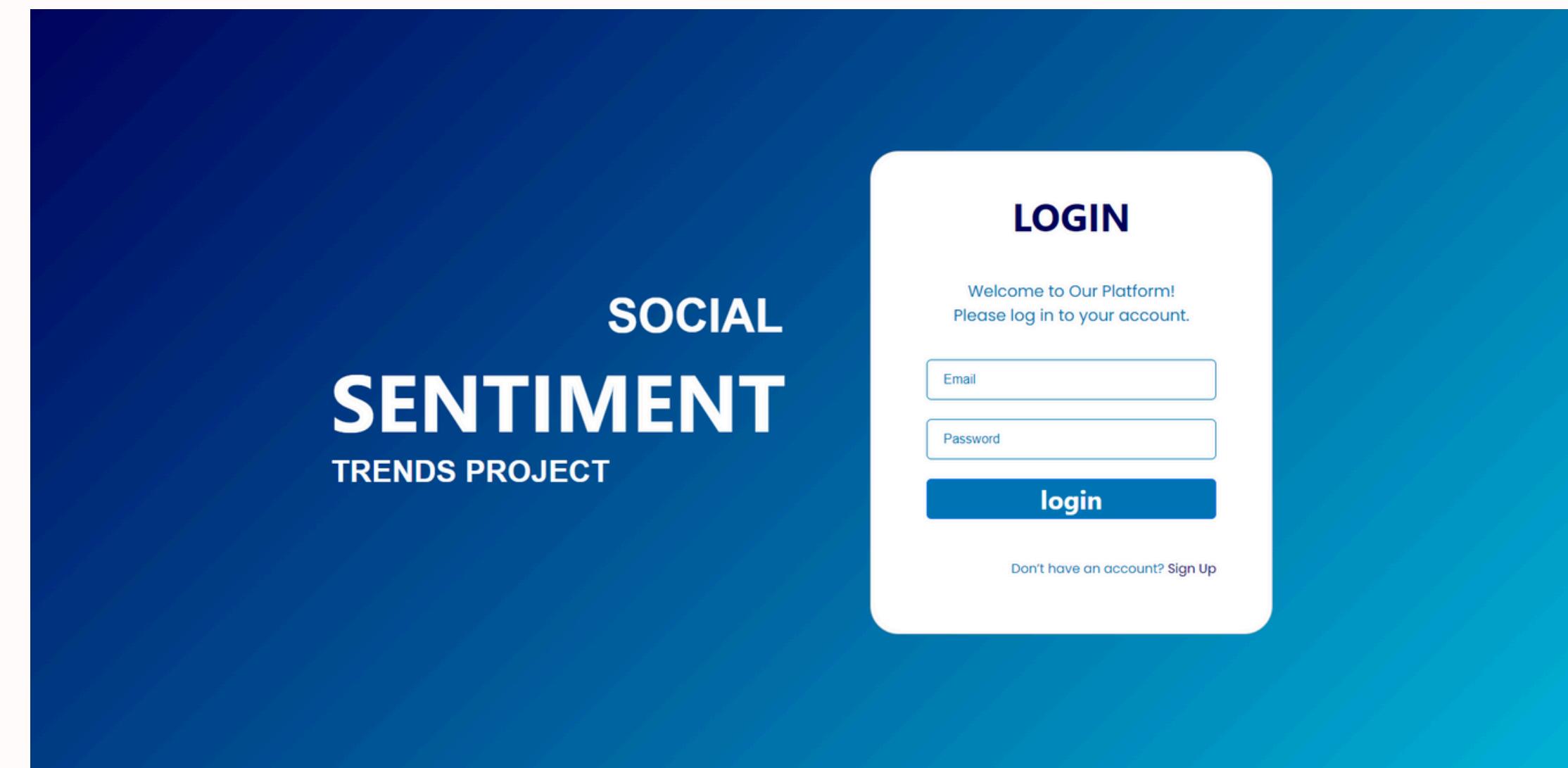
SCENARIO 1: SIGNUP AND LOGIN

1. access webserver
2. sign up for the new account
 - a. sign up fail
3. sign up success
4. login as a user



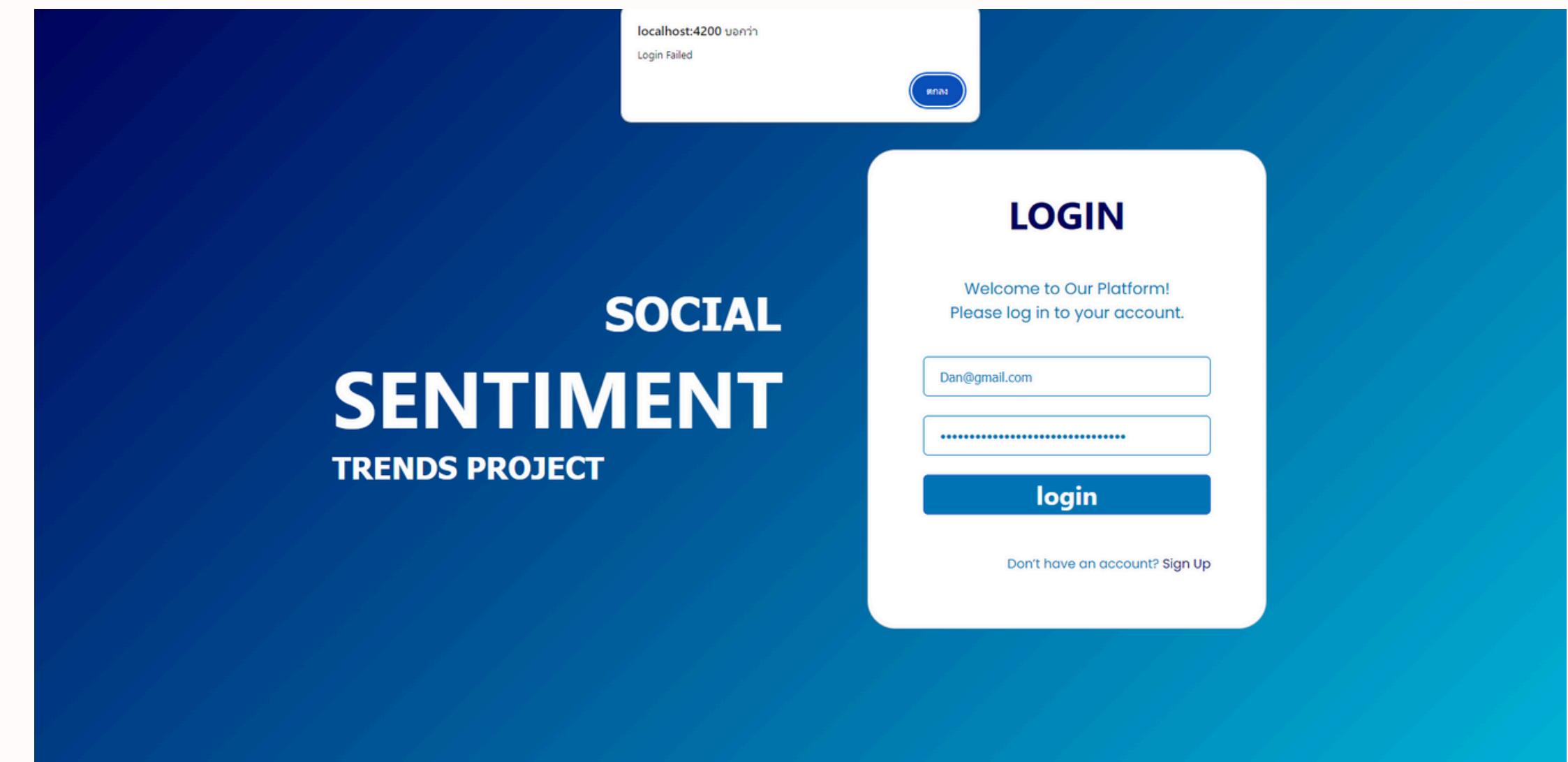
SCENARIO 1: SIGNUP AND LOGIN

1. access webserver
2. sign up for the new account
 - a. sign up fail
3. sign up success
4. login as a user
 - a. login as an admin

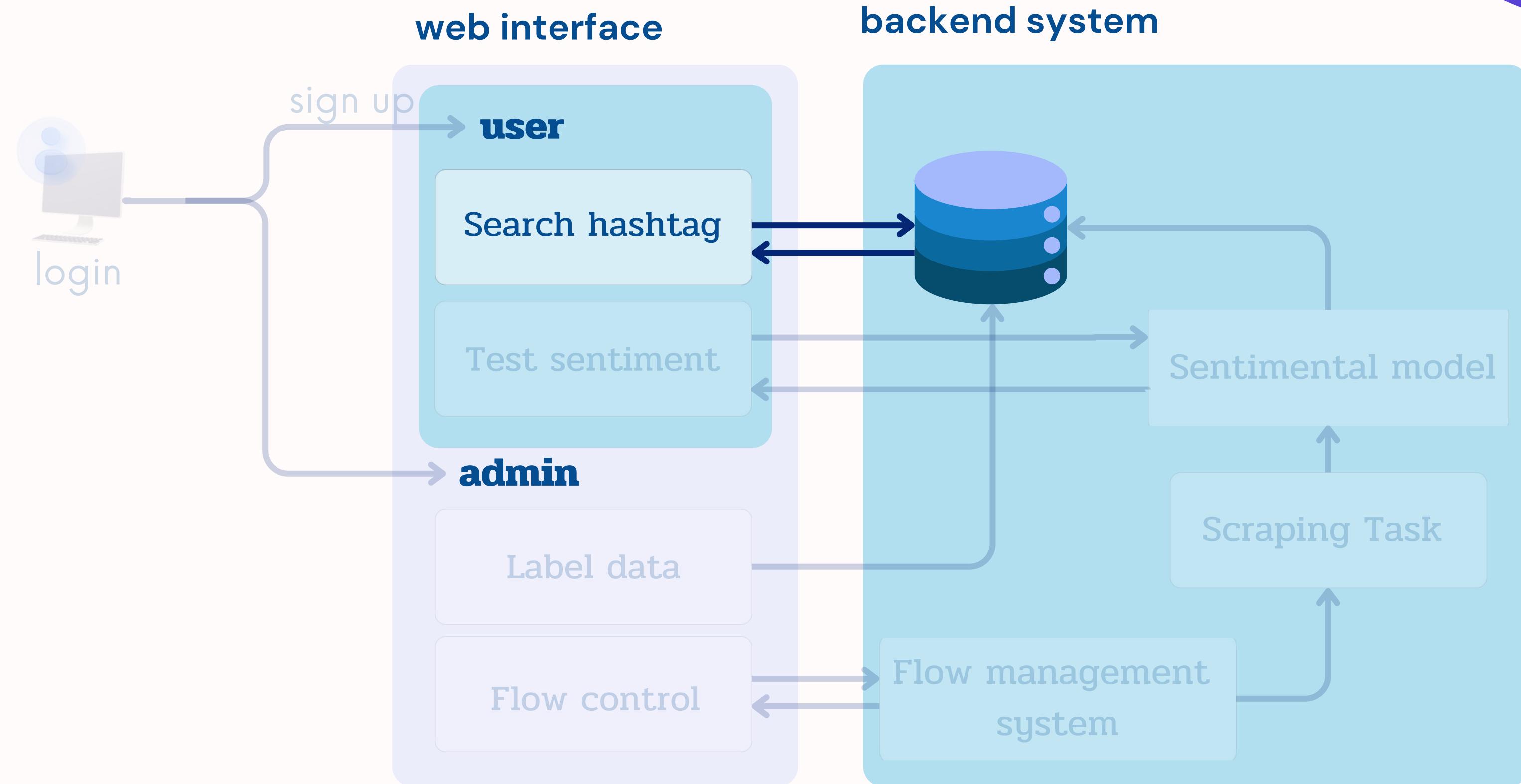


SCENARIO 1: SIGNUP AND LOGIN

1. access webserver
2. sign up for the new account
 - a. sign up fail
3. sign up success
4. login as a user
 - a. login as an admin
 - b. login fail



SCENARIO 2: SEARCH HASHTAG



COMPONENT:NAVIGATION BAR

SENTIMENT

SEARCH HASHTAG

TEST SENTIMENT

LABEL

FLOW-CONTROL

PO

X TWITTER (X)

SEARCH BY

#HASHTAG

RESULTS 0 MESSAGES

0% 0% 0%

COMPONENT:ACCOUNT

SENTIMENT

- Search
- Test
- Label
- Control

TWITTER (X)

SEARCH BY

#HASHTAG

RESULTS 0 MESSAGES

0% 0% 0%

PO

[Log Out](#)

COMPONENT: HASHTAG INPUT

SENTIMENT

PO

Test Label Control

TWITTER (X)

SEARCH BY

#HASHTAG

RESULTS **0** MESSAGES

0% 0% 0%



COMPONENT: NUMBER OF POST PER HASHTAG

SENTIMENT

PO

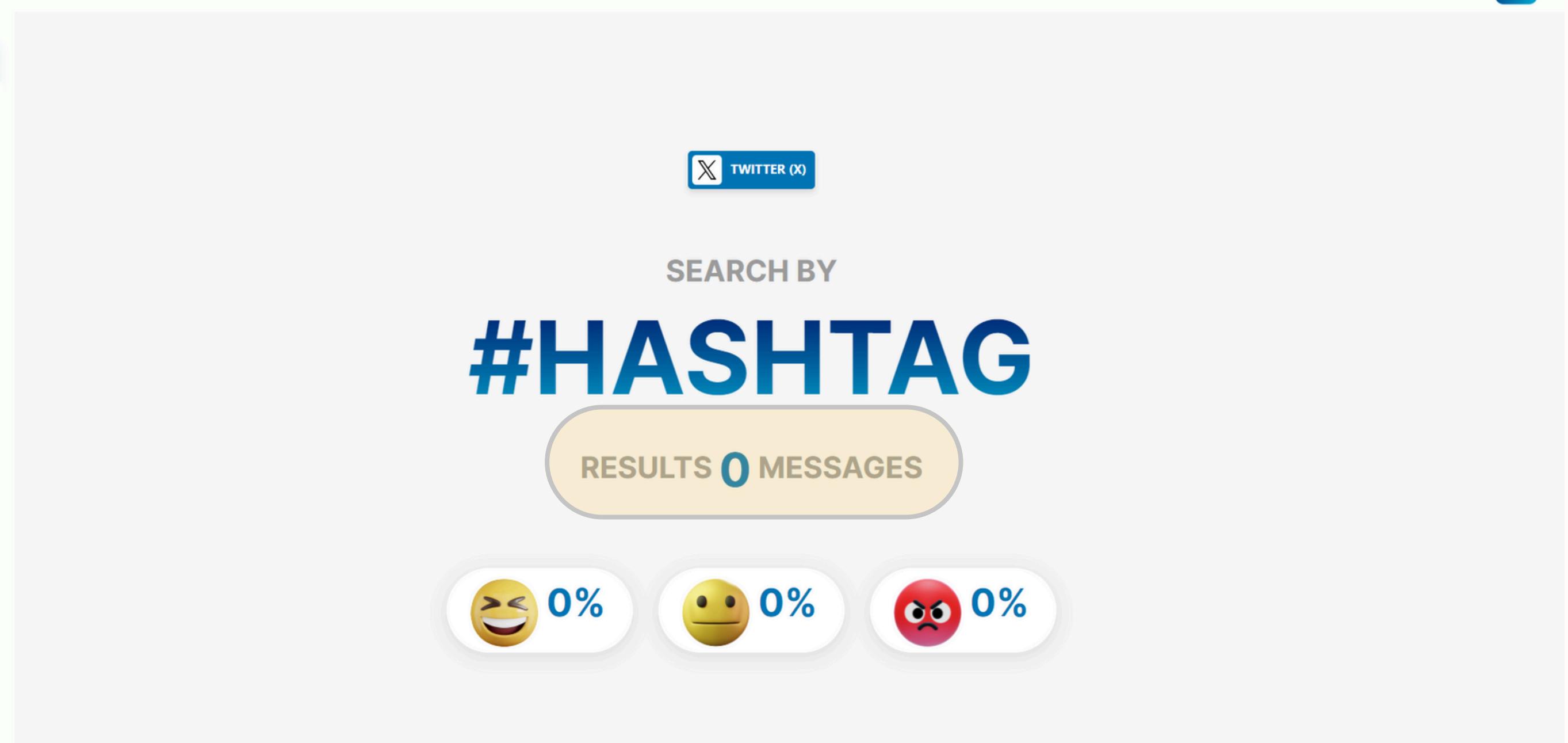
Twitter (X)

SEARCH BY

#HASHTAG

RESULTS 0 MESSAGES

0% 0% 0%



COMPONENT:SENTIMENT PERCENTAGE

SENTIMENT PO

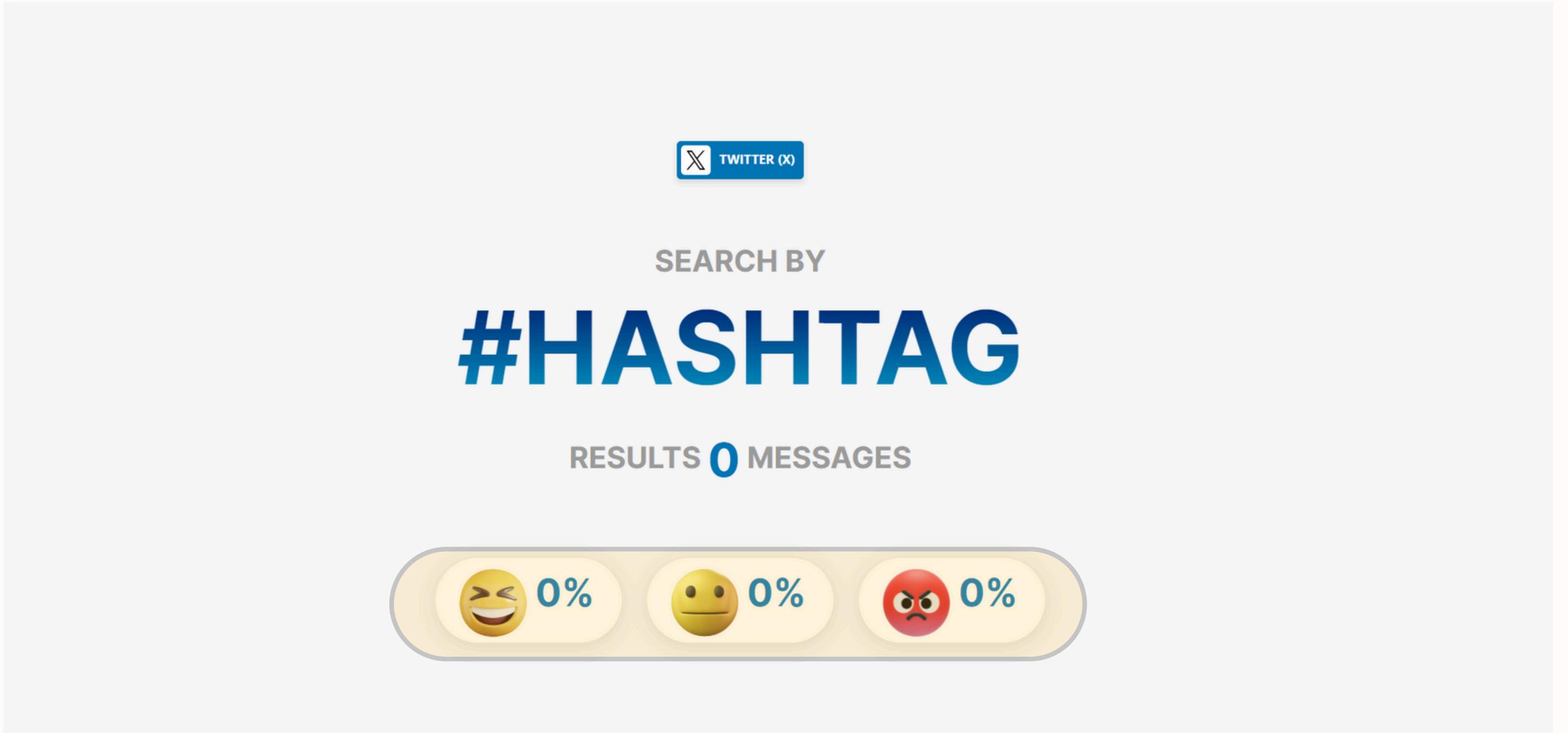
Test Label Control

TWITTER (X)

SEARCH BY
#HASHTAG

RESULTS **0** MESSAGES

0% 0% 0%



COMPONENT: POSTS ON EACH SENTIMENT

SENTIMENT

PO

#twitter

RESULTS 108 MESSAGES

87% 3% 10%

Positive	Neutral	Negative
94	3	11

Positive 94

Conversation. Brock Miller · @Br0ckMiller. I refuse to ever call this app "X". #twitter · 12:09 AM · May 15, 2024 · 4,371. Views. 2. Reposts.

Rina Piccolo · @RinaPiccolo. anyone else having issues scheduling posts? #X #Twitter #TwitterDown · 11:03 AM · See More

Neutral 3

#Twitter is working to make sure that there is a human behind an account before making all the features available such as being seen by more ...

#Twitter continues to work on the ability to hide your blue checkmark, See More

Negative 11

Interested in the replicability of #Twitter studies and possible ways out? Find my article below. @polanalysis. 1 #socialmedia #tiktok ...

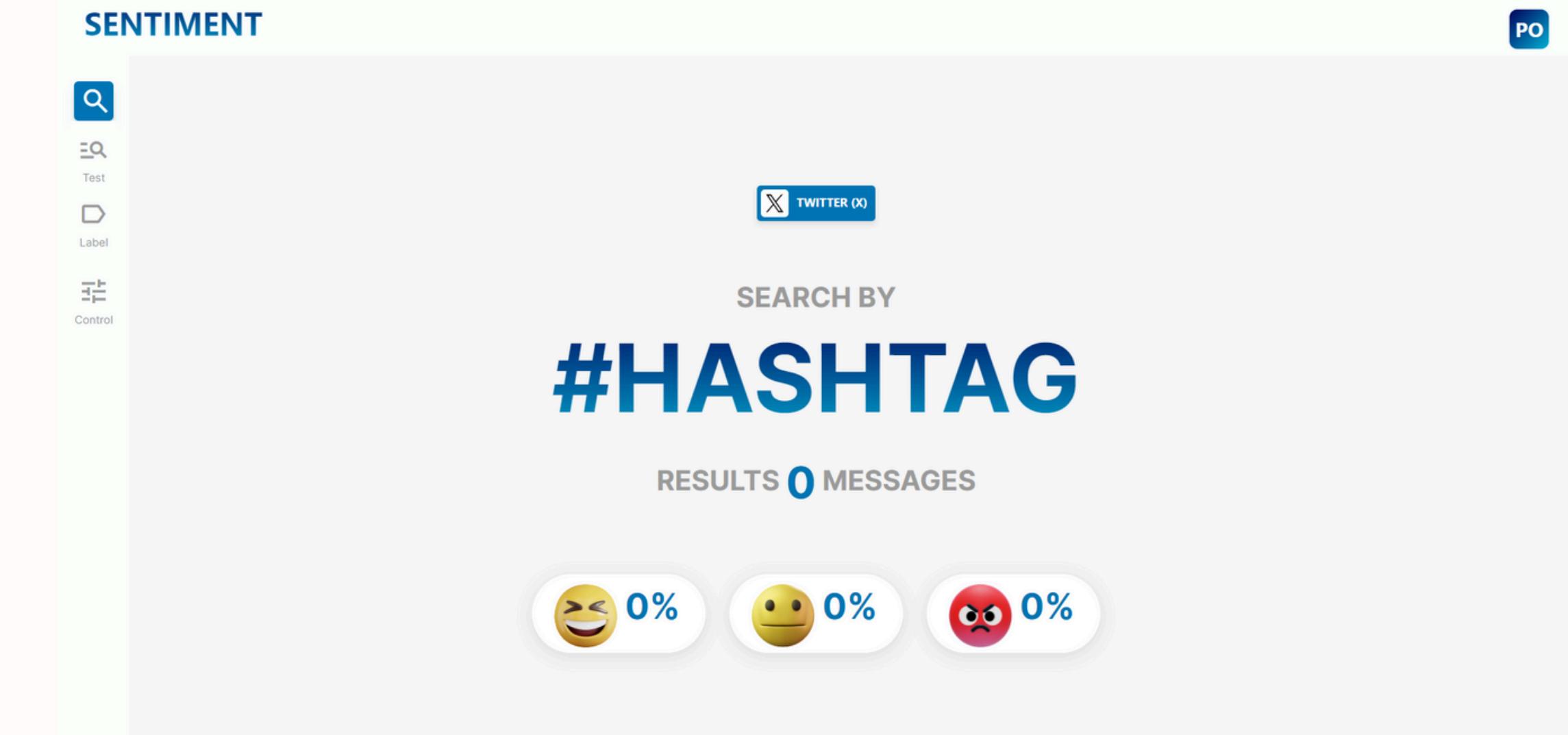
Is #Twitter / #X app slow lately? Take a forever to load anything randomly. See More

The screenshot displays a user interface for sentiment analysis. On the left, a sidebar contains icons for search, test, label, and control. The main area shows the hashtag #twitter with 108 messages. The sentiment distribution is visualized as 87% positive (smiling face emoji), 3% neutral (neutral face emoji), and 10% negative (frowning face emoji). Below this, a summary table shows the count of messages for each sentiment category: Positive (94), Neutral (3), and Negative (11). Each category has a list of tweets with their respective counts and a 'See More' link.

SCENARIO 2: SEARCH HASHTAG

User want to see the sentiment trend of the hashtag #

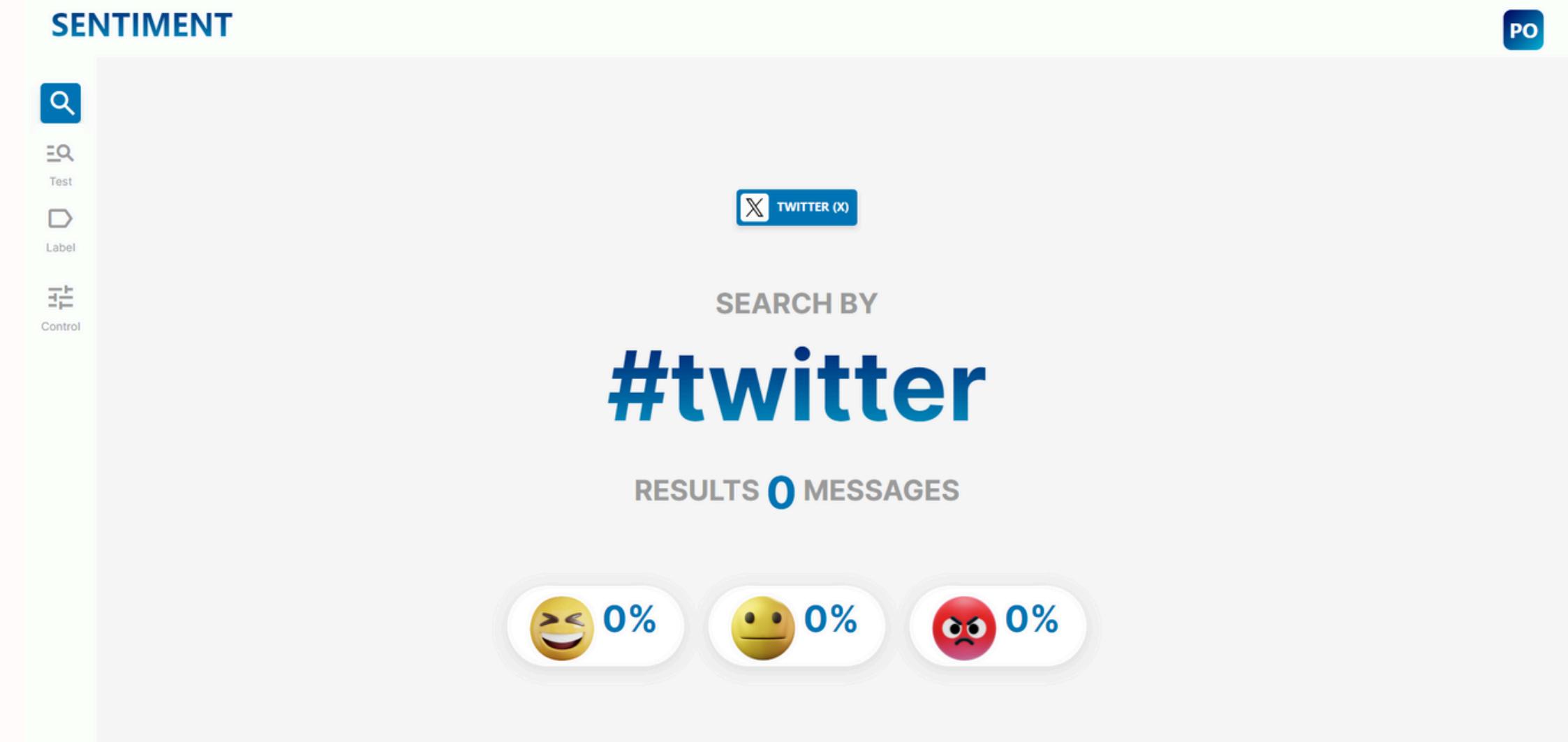
1. go to hashtag search page



SCENARIO 2: SEARCH HASHTAG

User want to see the sentiment trend of the hashtag #

1. go to hashtag search page
2. type in any hashtag



SCENARIO 2: SEARCH HASHTAG

User want to see the sentiment trend of the hashtag #

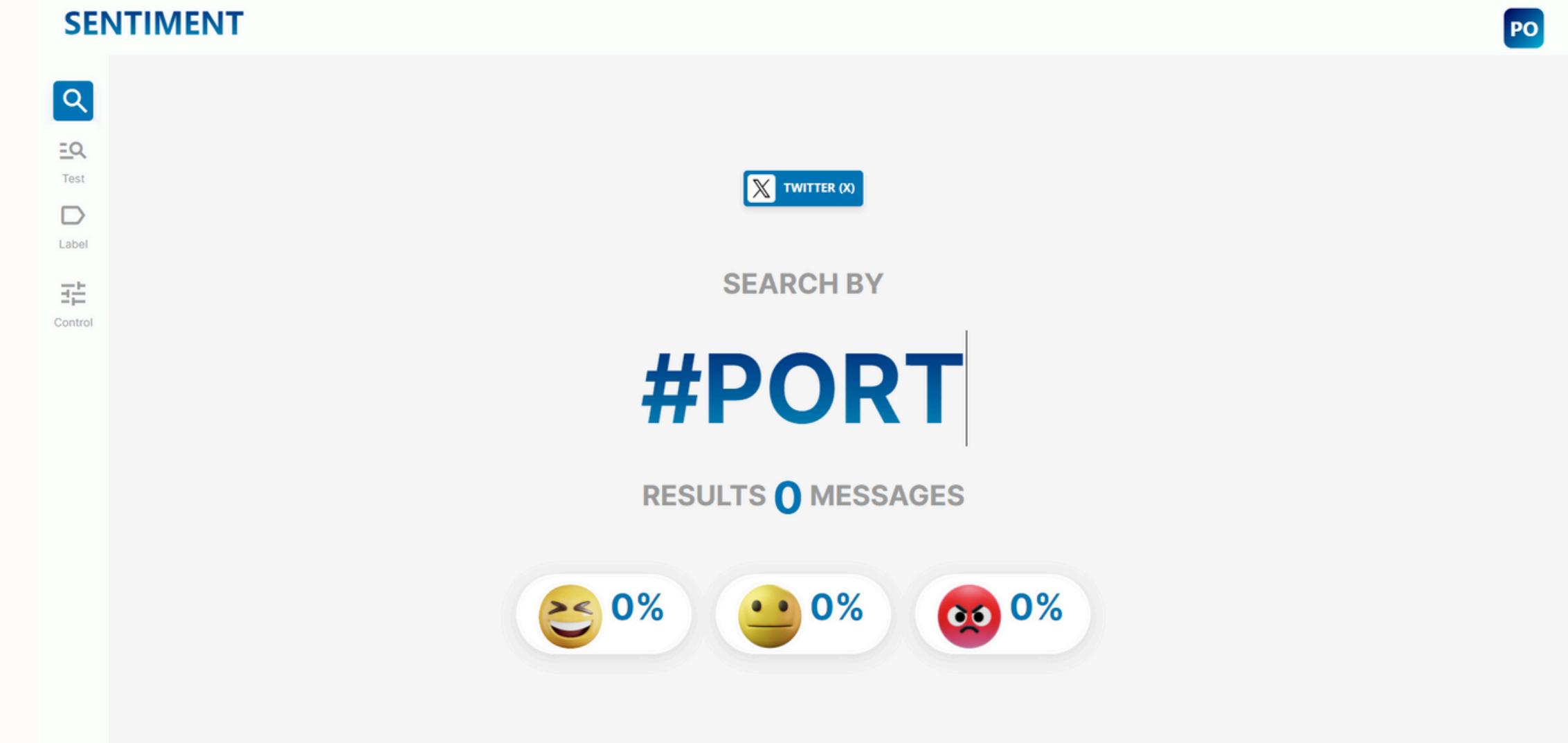
1. go to hashtag search page
2. put any hashtag
3. press enter to see the result



SCENARIO 2: SEARCH HASHTAG

User want to see the sentiment trend of the hashtag #

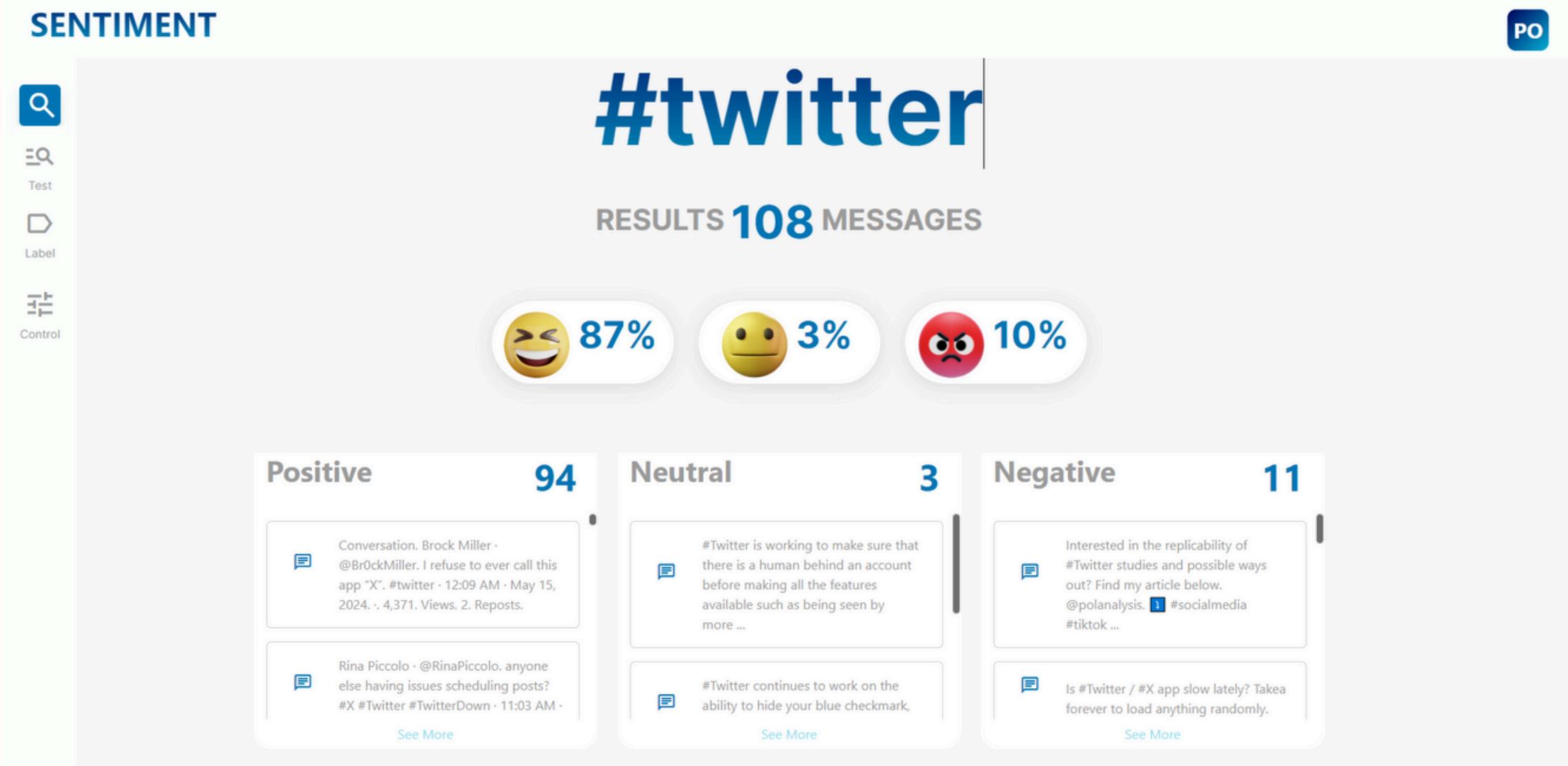
1. go to hashtag search page
2. put any hashtag
3. press enter to see the result
 - a. if hashtag isn't in database, there won't be any result



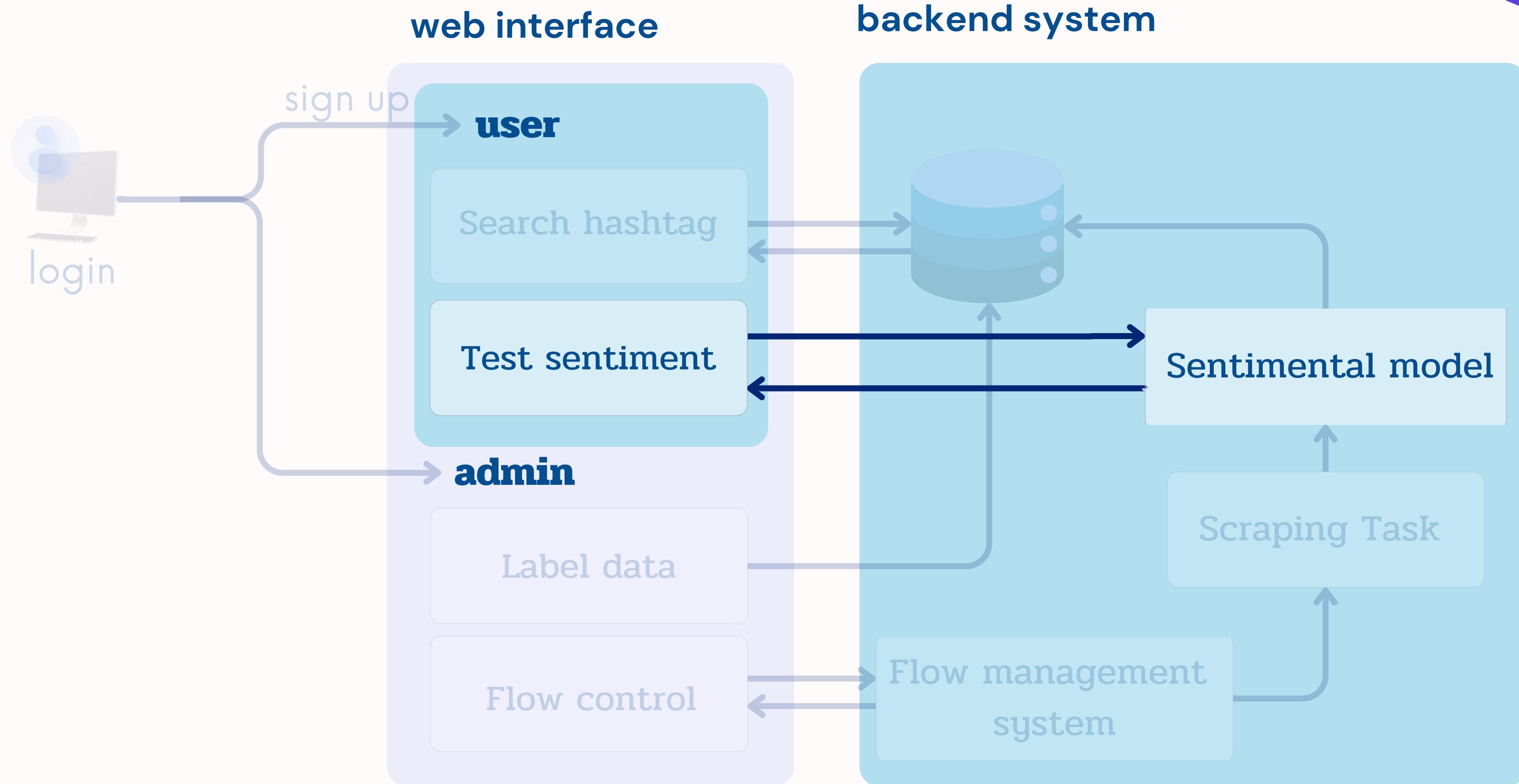
SCENARIO 2: SEARCH HASHTAG

User want to see the sentiment trend of the hashtag #

1. go to hashtag search page
2. put any hashtag
3. press enter to see the result
 - a. if hashtag isn't in database, there won't be any result
4. scroll down to see all posts on each sentiments



SCENARIO 3: TEST SENTIMENT



COMPONENT: TEXT AREA

SENTIMENT

PO

Analysis

Label

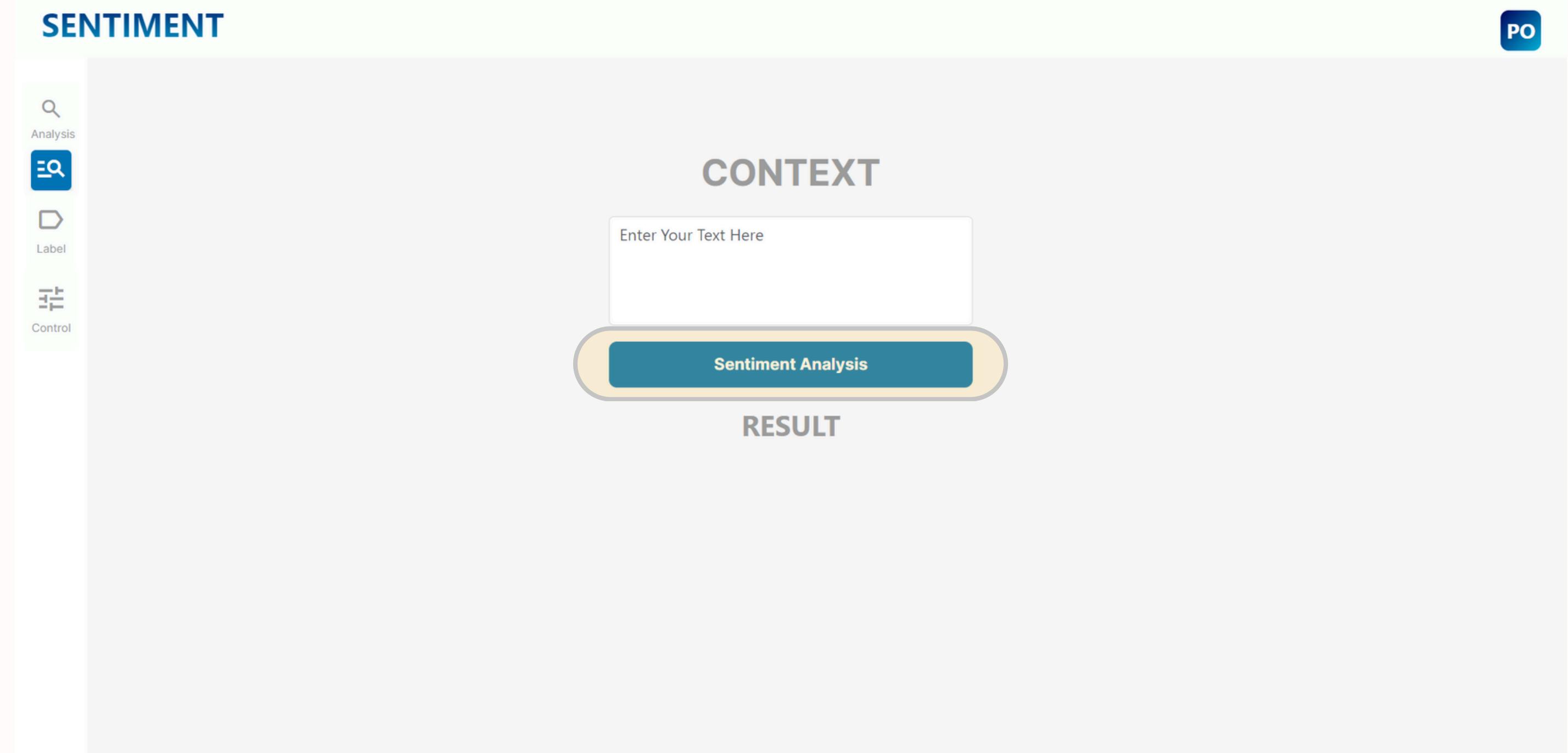
Control

Enter Your Text Here

Sentiment Analysis

RESULT

COMPONENT:SENTIMENT ANALYSIS BUTTON



COMPONENT:RESULT

SENTIMENT

Analysis

EQ

Label

Control

PO

CONTEXT

วันนี้เป็นวันที่ดีมากเลยนะครับ

Sentiment Analysis

RESULT

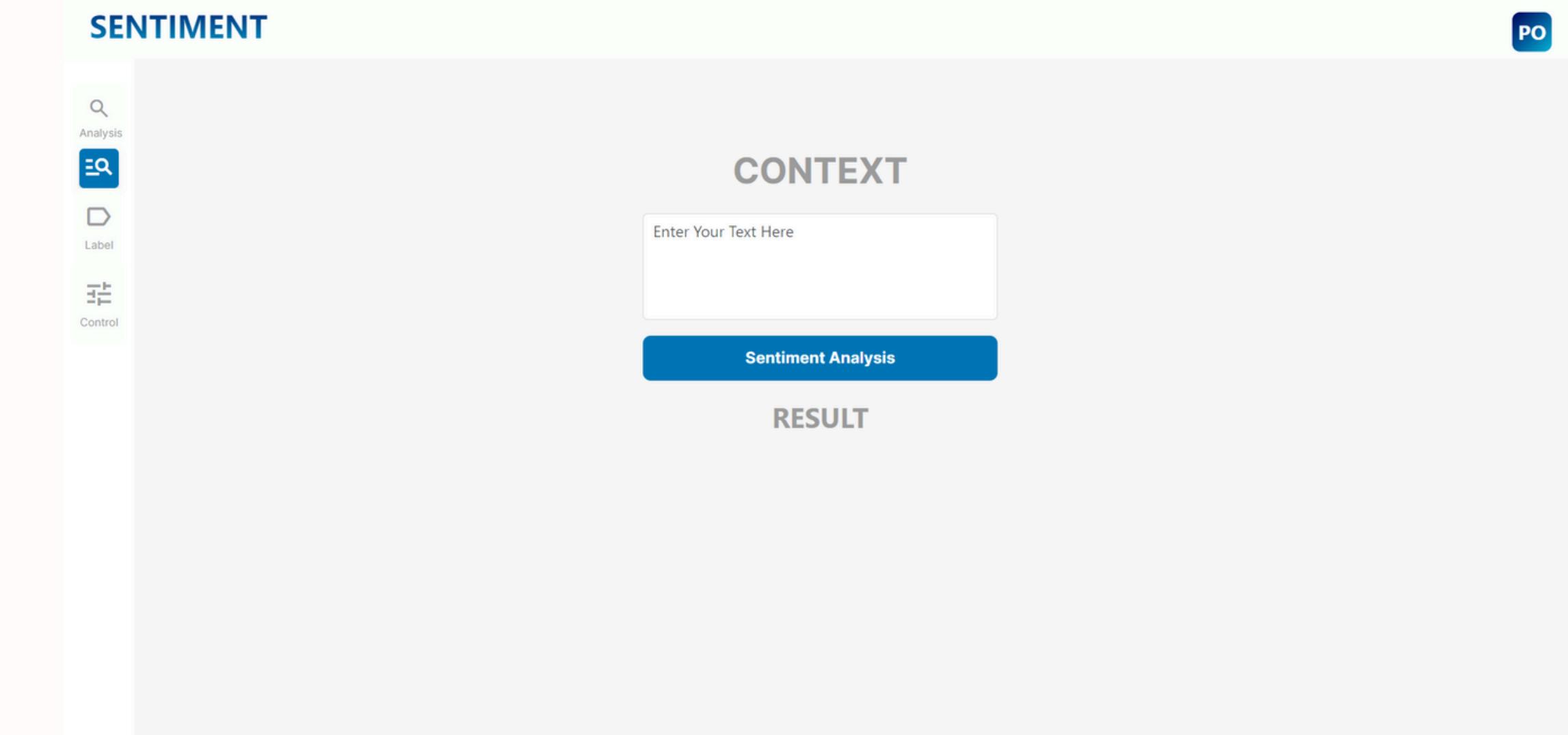
😊 Positive

The interface is designed for sentiment analysis, showing the context of a statement and the resulting classification.

SCENARIO 3: TEST SENTIMENT

User want to see the sentiment of custome tweet

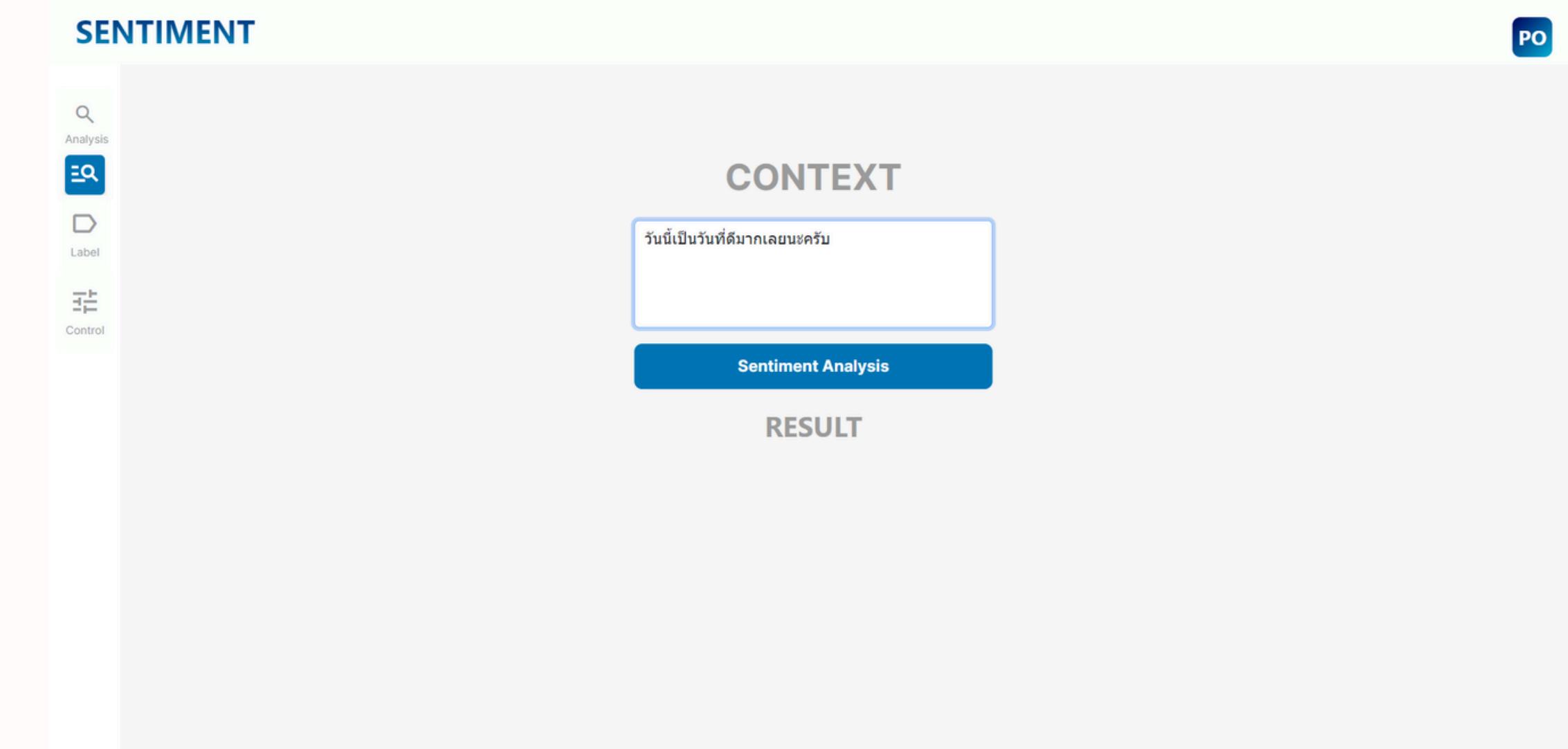
1. go to test sentiment page



SCENARIO 3: TEST SENTIMENT

User want to see the sentiment of custome tweet

1. go to test sentiment page
2. put any text into text area



SCENARIO 3: TEST SENTIMENT

User want to see the sentiment of custome tweet

1. go to test sentiment page
2. put any text into text area
3. press sentiment analysis button to see the result

The screenshot shows a user interface for sentiment analysis. On the left, there is a sidebar with three icons: 'Analysis' (magnifying glass), 'Label' (square with 'L'), and 'Control' (grid). The main area has a header 'SENTIMENT' at the top left and a small 'PO' icon at the top right. Below the header, there is a text input field containing the Thai text 'วันนี้เป็นวันที่ดีมากเลยนะครับ'. Underneath the text input is a blue button labeled 'Sentiment Analysis'. To the right of the text input, there is a section titled 'CONTEXT' containing the same text. At the bottom right, there is a section titled 'RESULT' showing a yellow smiley face emoji followed by the word 'Positive'.

SCENARIO 3: TEST SENTIMENT

User want to see the sentiment of custome tweet

1. go to test sentiment page
2. put any text into text area
3. press sentiment analysis button to see the result
 - a. if there isn't any text in the text area

localhost:4200 טוונר
Please enter text in the textarea!

SENTIMENT

Analysis

Label

Control

CONTEXT

Enter Your Text Here

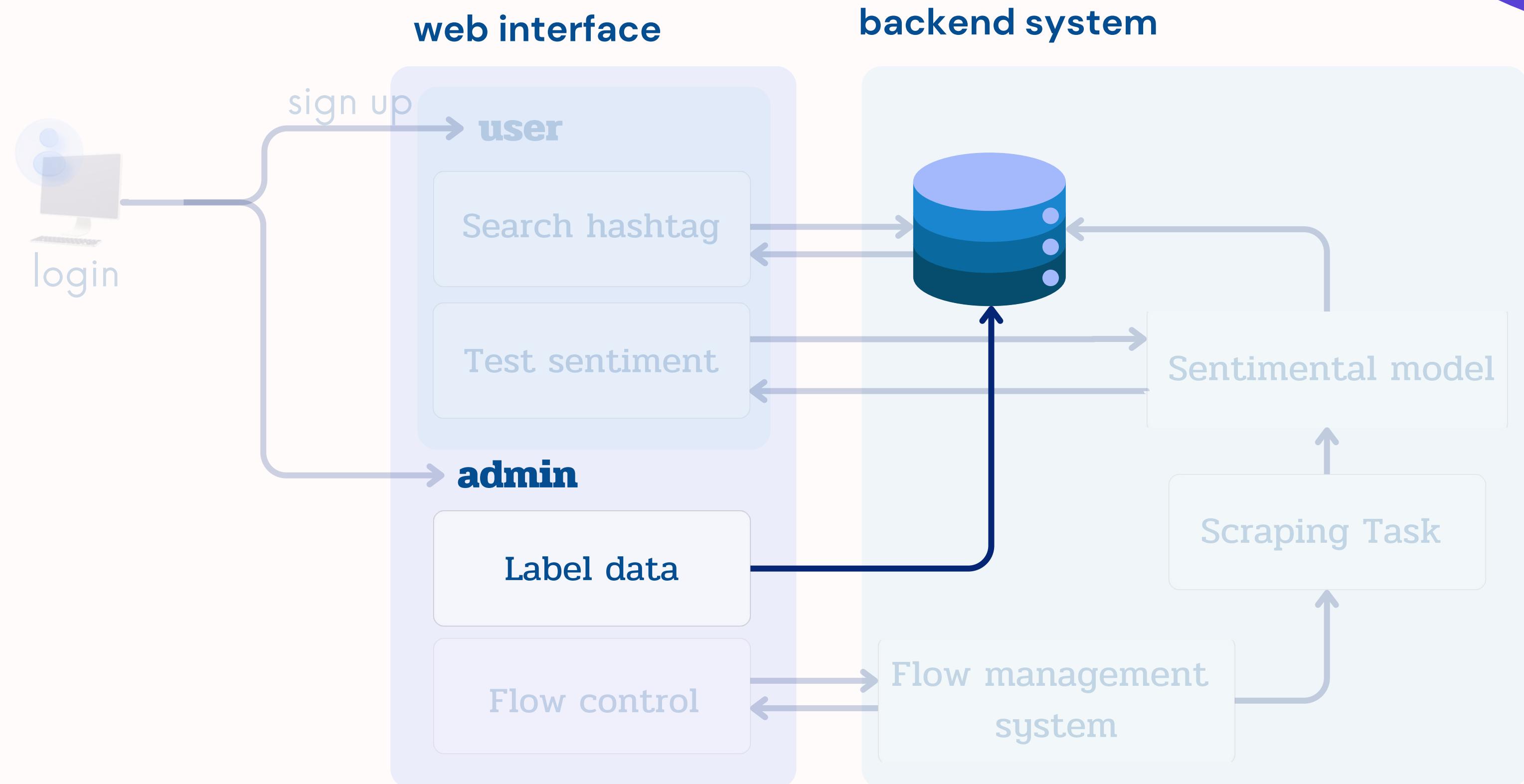
Sentiment Analysis

RESULT

PO

The screenshot shows a user interface for sentiment analysis. On the left, a sidebar contains three sections: 'Analysis' (with a magnifying glass icon), 'Label' (with a document icon), and 'Control' (with a gear icon). The main area is titled 'SENTIMENT' and includes a text area with placeholder text 'localhost:4200 טוונר Please enter text in the textarea!' and a blue 'Sentiment Analysis' button. Below this is a 'CONTEXT' section with a text input field labeled 'Enter Your Text Here'. To the right, there is a 'RESULT' section which is currently empty. A blue button labeled 'PO' is located on the far right edge of the interface.

LABEL DATA



COMPONENT:SEARCH CONTEXT

SENTIMENT

PO

Analysis

Test

Control

LABELS

Context

Search

Select Hashtag

Filter

CONTEXT

Start by entering a tag to search.



COMPONENT: DROPODOWN & SEARCH HASHTAG

SENTIMENT

LABELS

CONTEXT

Start by entering a tag to search.

PO

Analysis

Test

Control

Search...

Select Hashtag

Filter

KKK

ronaldo

Thai

Nastygirl

COMPONENT: FILTER

SENTIMENT

PO

🔍
Analysis

🔍
Test

➡️
Run

☰
Control

LABELS

🔍 Context

Search

Select Hashtag ▾

Filter ⚡

Filter Context

No Label

Pre-Labeled

Labeled

Filter label

Positive

Neutral

Negative

CONTEXT

Start by entering a tag to search.



COMPONENT:LABEL TABLE

SENTIMENT

PO

Analysis

Test

Control

LABELS

Context Search ronaldo Filter

Context	Confident Level	Label	Edits
<p>Pre-labeled Fried Rice Art · @friedriceart. SIUUUU!!! @Cristiano · #ronaldo #cr7 #siuuuu #portugal . Embedded video. 0:10. 5:15 PM · Jul 17, 2024.</p>	0.85	Positive Neutral Negative	
<p>Pre-labeled Cristiano #Ronaldo was once again the world's highest-paid #athlete over the last 12 months, making an estimated total of \$260 million on ...</p>	0.85	Positive Neutral Negative	
<p>Pre-labeled Cristiano #Ronaldo shows off insane physique as he poses with #Georgina Rodriguez in the sea while enjoying 'happy days' in Saudi Arabia ...</p>	0.85	Positive Neutral Negative	
<p>Pre-labeled Cristiano Ronaldo has asked to be allowed to leave Manchester United should the Premier League club receive a satisfactory offer in the transfer ...</p>	0.85	Positive Neutral Negative	
<p>Pre-labeled Cristiano #Ronaldo wins first trophy with Al Nassr, scoring both goals in #KingSalmanClubCup. Cue the celebrations in Taif. Embedded video.</p>	0.95	Positive Neutral Negative	

COMPONENT:EDIT BUTTON

SENTIMENT

PO

Analysis

Test

Control

LABELS

Context

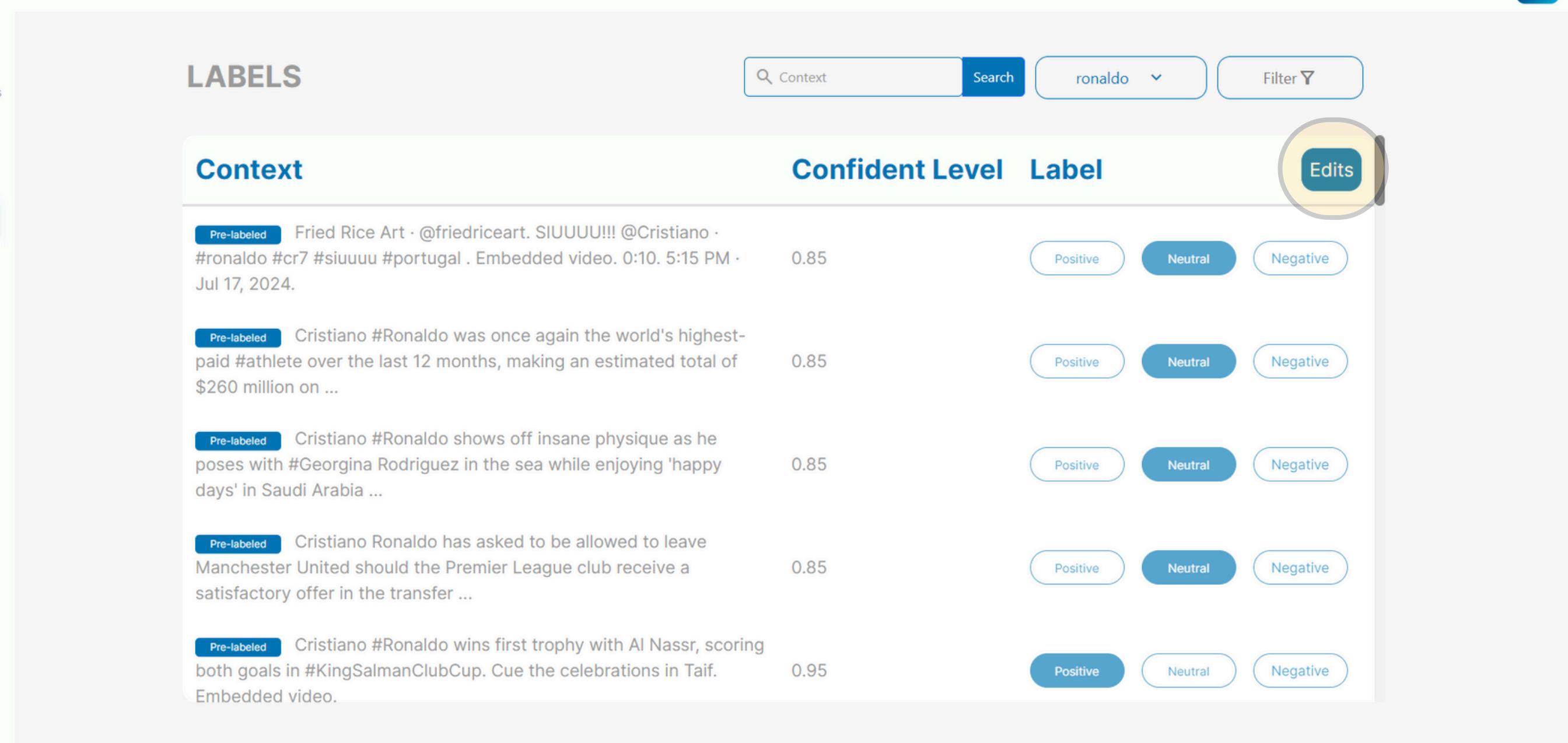
Context	Confident Level	Label
<p>Pre-labeled Fried Rice Art · @friedriceart. SIUUUU!!! @Cristiano · #ronaldo #cr7 #siuuuu #portugal . Embedded video. 0:10. 5:15 PM · Jul 17, 2024.</p>	0.85	Positive Neutral Negative
<p>Pre-labeled Cristiano #Ronaldo was once again the world's highest-paid #athlete over the last 12 months, making an estimated total of \$260 million on ...</p>	0.85	Positive Neutral Negative
<p>Pre-labeled Cristiano #Ronaldo shows off insane physique as he poses with #Georgina Rodriguez in the sea while enjoying 'happy days' in Saudi Arabia ...</p>	0.85	Positive Neutral Negative
<p>Pre-labeled Cristiano Ronaldo has asked to be allowed to leave Manchester United should the Premier League club receive a satisfactory offer in the transfer ...</p>	0.85	Positive Neutral Negative
<p>Pre-labeled Cristiano #Ronaldo wins first trophy with Al Nassr, scoring both goals in #KingSalmanClubCup. Cue the celebrations in Taif. Embedded video.</p>	0.95	Positive Neutral Negative

Context

Search: ronaldo

Filter

Edits



COMPONENT:SAVE BUTTON

SENTIMENT

PO

Analysis

Test

Control

LABELS

Context

Context	Confident Level	Label	Save
Pre-labeled Fried Rice Art · @friedriceart. SIUUUU!!! @Cristiano · #ronaldo #cr7 #siuuuu #portugal . Embedded video. 0:10. 5:15 PM · Jul 17, 2024.	0.85	Positive Neutral Negative	Save
Pre-labeled Cristiano #Ronaldo was once again the world's highest-paid #athlete over the last 12 months, making an estimated total of \$260 million on ...	0.85	Positive Neutral Negative	
Pre-labeled Cristiano #Ronaldo shows off insane physique as he poses with #Georgina Rodriguez in the sea while enjoying 'happy days' in Saudi Arabia ...	0.85	Positive Neutral Negative	
Pre-labeled Cristiano Ronaldo has asked to be allowed to leave Manchester United should the Premier League club receive a satisfactory offer in the transfer ...	0.85	Positive Neutral Negative	
Pre-labeled Cristiano #Ronaldo wins first trophy with Al Nassr, scoring both goals in #KingSalmanClubCup. Cue the celebrations in Taif. Embedded video.	0.95	Positive Neutral Negative	

SCENARIO 4: LABEL DATA

admin want to label data from a hashtag

1. go to label data page

The screenshot shows a user interface for sentiment analysis. On the left, there's a sidebar with icons for Analysis (magnifying glass), Test (two bars), and Control (grid). The main area has a header 'SENTIMENT' at the top left and a sub-header 'LABELS' in the center. To the right of the labels, there are search and filter options: a search bar labeled 'Context', a button 'Search', a dropdown 'Select Hashtag', and a 'Filter' button. Below these, there's a section titled 'CONTEXT' with a placeholder message 'Start by entering a tag to search.' and a thinking emoji.

SCENARIO 4: LABEL DATA

admin want to label data from a hashtag

- 1.go to label data page
- 2.choose hashtag

SENTIMENT PO

LABELS

Context Confident Level Edits

Search: Context, Filter: twitter, Edit: twitter

Context	Confident Level	Edits
Labeled Conversation. Brock Miller · @Br0ckMiller. I refuse to ever call this app "X". #twitter · 12:09 AM · May 15, 2024 · 4,380. Views. 2. Reposts.	-	Positive Neutral Negative
Labeled This blog will show you in a step-by-step guide how to do so. Enjoy! #java #twitter · Create Tweets With X API v2. From mydeveloperplanet.com · 1:37 AM · ...	-	Positive Neutral Negative
Pre-labeled Conversation. Alessandro Paluzzi · @alex193a · #Twitter is working on text formatting for tweets. Image. 4:35 PM · Mar 20, 2023 · 354.1K.	0.85	Positive Neutral Negative
Pre-labeled Rina Piccolo · @RinaPiccolo. anyone else having issues scheduling posts? #X #Twitter #TwitterDown · 11:03 AM · Mar 20, 2024 · 464. Views. 4.	0.75	Positive Neutral Negative
Pre-labeled Around 1 in 5 tweets disappear from public view within months #Tweet #Twitter. Image. 7:42 AM · May 21, 2024.	0.85	Positive Neutral Negative

SCENARIO 4: LABEL DATA

admin want to label data from a hashtag

1. go to label data page
2. choose hashtag
3. filter to only pre-label and no label

SENTIMENT PO

LABELS

Context Confident Level Label

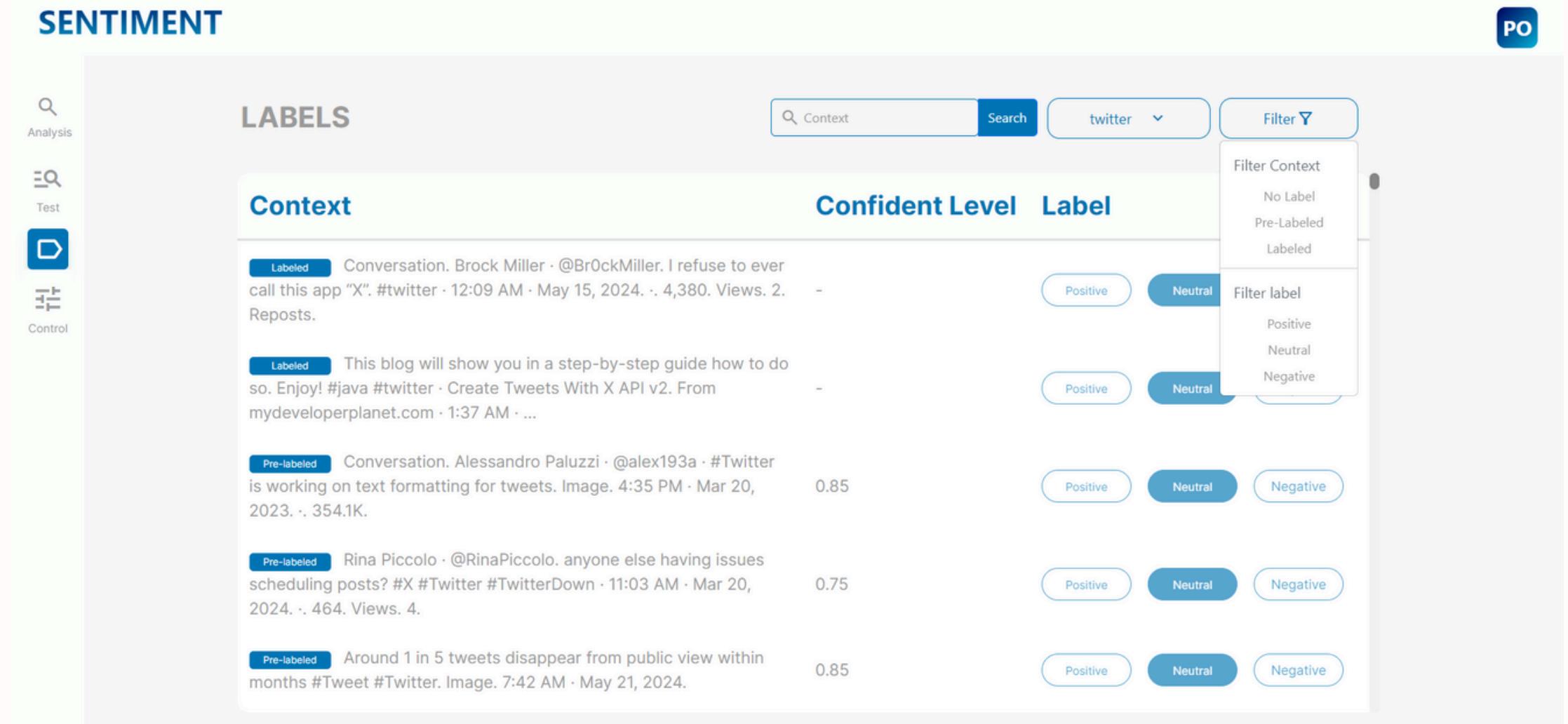
Context	Confident Level	Label
Labeled Conversation. Brock Miller · @Br0ckMiller. I refuse to ever call this app "X". #twitter · 12:09 AM · May 15, 2024 · 4,380. Views. 2. Reposts.	-	Positive Neutral Negative
Labeled This blog will show you in a step-by-step guide how to do so. Enjoy! #java #twitter · Create Tweets With X API v2. From mydeveloperplanet.com · 1:37 AM · ...	-	Positive Neutral Negative
Pre-labeled Conversation. Alessandro Paluzzi · @alex193a · #Twitter is working on text formatting for tweets. Image. 4:35 PM · Mar 20, 2023 · 354.1K.	0.85	Positive Neutral Negative
Pre-labeled Rina Piccolo · @RinaPiccolo. anyone else having issues scheduling posts? #X #Twitter #TwitterDown · 11:03 AM · Mar 20, 2024 · 464. Views. 4.	0.75	Positive Neutral Negative
Pre-labeled Around 1 in 5 tweets disappear from public view within months #Tweet #Twitter. Image. 7:42 AM · May 21, 2024.	0.85	Positive Neutral Negative

Analysis Test Control

Search Context Search twitter Filter ▾

Filter Context
No Label
Pre-Labeled
Labeled

Filter label
Positive
Neutral
Negative



SCENARIO 4: LABEL DATA

admin want to label data from a hashtag

1. go to label data page
2. choose hashtag
3. filter to only pre-label and no label
4. edit label

SENTIMENT

LABELS

Context Confident Level Label Save

Context	Confident Level	Label
Pre-labeled Conversation. Alessandro Paluzzi · @alex193a · #Twitter is working on text formatting for tweets. Image. 4:35 PM · Mar 20, 2023. · 354.1K.	0.85	Positive Neutral Negative
Pre-labeled Rina Piccolo · @RinaPiccolo. anyone else having issues scheduling posts? #X #Twitter #TwitterDown · 11:03 AM · Mar 20, 2024. · 464. Views. 4.	0.75	Positive Neutral Negative
Pre-labeled Around 1 in 5 tweets disappear from public view within months #Tweet #Twitter. Image. 7:42 AM · May 21, 2024.	0.85	Positive Neutral Negative
Pre-labeled Is #Twitter / #X app slow lately? Takea forever to load anything randomly.	0.85	Positive Neutral Negative
Pre-labeled #Twitter is really getting on my nervous... Image. 1:35 PM · Jul 5, 2024. · 147. Views.	0.9	Positive Neutral Negative
Pre-labeled #Twitter keeps working on the ability to control evrvthing related to account verification and identity bv addina the	0.85	Positive Neutral Negatvie

PO

SCENARIO 4: LABEL DATA

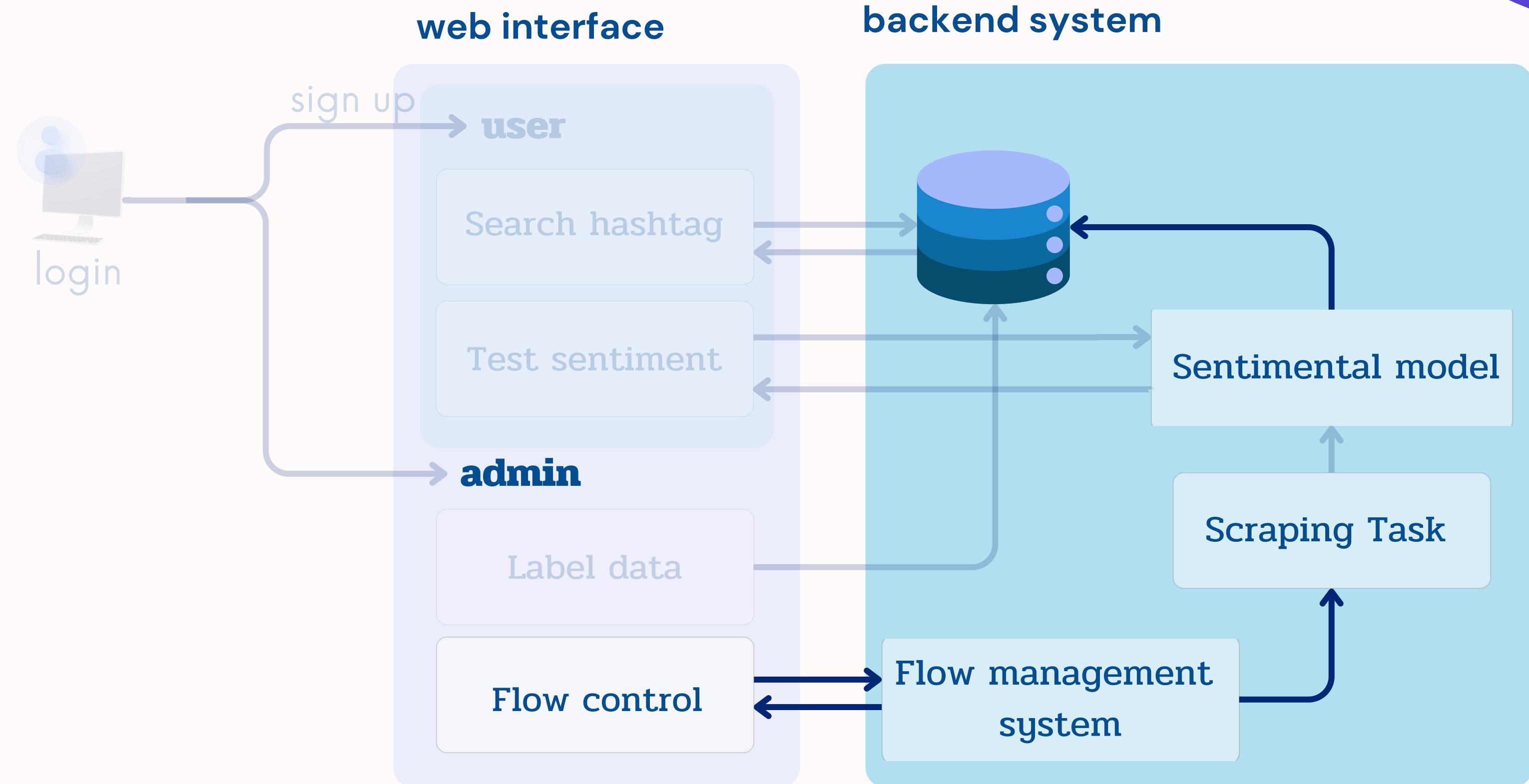
admin want to label data from a hashtag

1. go to label data page
2. choose hashtag
3. filter to only pre-label and no label
4. edit label
5. save

The screenshot shows a user interface for sentiment analysis. On the left, there's a sidebar with 'SENTIMENT' at the top, followed by 'Analysis', 'Test', and 'Control' sections. The main area is titled 'LABELS' and has tabs for 'Context', 'Confident Level', and 'Label'. A search bar at the top right contains 'Context', 'Search', 'testing', and 'Filter' dropdowns. Below the tabs, there's a table with several rows of data. One row is highlighted with a light blue background. A modal window is overlaid on the screen, containing the message 'Do you want to change?' and a question 'Are you sure about making this change?'. It has 'Cancel' and 'Confirm' buttons. The table data includes:

Confident Level	Label
-	Positive Neutral Negative
0.5	Positive Neutral Negative
-	Positive Neutral Negative
0.95	Positive Neutral Negative

SCENARIO 5: FLOW CONTROL



COMPONENT: FLOW TABLE

SENTIMENT

PO

Analysis

Test

Label

Flow

CONTROLS

Hashtag Search

DAG ID	HASHTAG	Action	Status	Config
scraper28e13ecd-4c18-3a5a-b289-d3998a7fc12d	football	<button>START</button> <button>DELETE</button>	Success	...
scraper44ca50c5-9052-3499-bab8-39de4038e443	twitter	<button>START</button> <button>DELETE</button>	Success	...
scraper98cc890b-91a8-378b-ac42-16be0e745ceb	instagram	<button>START</button> <button>DELETE</button>	Success	...
scraperc770970a-68bf-331c-bc1b-2f826369f39e	science	<button>START</button> <button>DELETE</button>	Success	...



COMPONENT:START&DELETE FLOW

SENTIMENT

PO

Analysis

Test

Label

CONTROLS

Hashtag Search

DAG ID	HASHTAG	Action	Status	Config
scraper28e13ecd-4c18-3a5a-b289-d3998a7fc12d	football	<button>START</button> <button>DELETE</button>	Success	...
scraper44ca50c5-9052-3499-bab8-39de4038e443	twitter	<button>START</button> <button>DELETE</button>	Success	...
scraper98cc890b-91a8-378b-ac42-16be0e745ceb	instagram	<button>START</button> <button>DELETE</button>	Success	...
scraperc770970a-68bf-331c-bc1b-2f826369f39e	science	<button>START</button> <button>DELETE</button>	Success	...

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COMPONENT: FILTER HASHTAG

SENTIMENT

PO

Analysis

Test

Label

DAG

CONTROLS

Hashtag

DAG ID	HASHTAG	Action	Status	Config
scraper28e13ecd-4c18-3a5a-b289-d3998a7fc12d	football	<input type="button" value="START"/> <input type="button" value="DELETE"/>	Success	...
scraper44ca50c5-9052-3499-bab8-39de4038e443	twitter	<input type="button" value="START"/> <input type="button" value="DELETE"/>	Success	...
scraper98cc890b-91a8-378b-ac42-16be0e745ceb	instagram	<input type="button" value="START"/> <input type="button" value="DELETE"/>	Success	...
scraperc770970a-68bf-331c-bc1b-2f826369f39e	science	<input type="button" value="START"/> <input type="button" value="DELETE"/>	Success	...



COMPONENT:CREATE FLOW

SENTIMENT

PO

Analysis

Test

Label

Flow

CONTROLS

Hashtag Search

DAG ID	HASHTAG	Action	Status	Config
scraper28e13ecd-4c18-3a5a-b289-d3998a7fc12d	football	<button>START</button> <button>DELETE</button>	Success	...
scraper44ca50c5-9052-3499-bab8-39de4038e443	twitter	<button>START</button> <button>DELETE</button>	Success	...
scraper98cc890b-91a8-378b-ac42-16be0e745ceb	instagram	<button>START</button> <button>DELETE</button>	Success	...
scraperc770970a-68bf-331c-bc1b-2f826369f39e	science	<button>START</button> <button>DELETE</button>	Success	...



COMPONENT:CREATE FLOW

SENTIMENT

PO

Analysis

Test

Label

CONTROLS

Hashtag Search

DAG ID	HASHTAG	Action	Status	Config
scraper1e463652-fb28-3fc1-81eb-a62335060f5e	science	Start Date: mm/dd/yyyy	Success	...
scraper28e13ecd-4c18-3a5a-b289-d3998a7fc12d		Schedule: None Schedule	Success	...
scraper44ca50c5-9052-3499-bab8-39de4038e443		Hashtag:	Success	...
scraper98cc890b-91a8-378b-ac42-16be0e745ceb			Success	...
scraperc770970a-68bf-331c-bc1b-2f826369f39e			Success	...

Create

Start Date: mm/dd/yyyy

Schedule: None Schedule

Hashtag:

Cancel Save

START DELETE

+

COMPONENT:CONFIGURATION

SENTIMENT

CONTROLS

Analysis

Test

Label

PO

Hashtag

Search

DAG ID	HASHTAG	Action	Status	Config
scraper1e463652-fb28-3fc1-81eb-a62335060f5e			Success	...
scraper28e13ecd-4c18-3a5a-b289-d3998a7fc12d			Success	...
scraper44ca50c5-9052-3499-bab8-39de4038e443			Success	...
scraper98cc890b-91a8-378b-ac42-16be0e745ceb			Success	...
scraperc770970a-68bf-331c-bc1b-2f826369f39e	science	START DELETE	Success	...

Config

Start Date: 07/05/2024

Schedule: None Schedule

Hashtag: แทคโนโลยี

Cancel **Save**

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SCENARIO 5: FLOW CONTROL

ADMIN WANT TO SCRAPE NEW HASHTAG

1. go to flow control page

The screenshot shows a user interface for managing data extraction tasks. On the left, there's a sidebar with icons for Analysis, Test, Label, and a central dashboard area. The main dashboard is titled "SENTIMENT" and contains a "CONTROLS" section. This section displays a table with the following data:

DAG ID	HASHTAG	Action	Status	Config
scraper28e13ecd-4c18-3a5a-b289-d3998a7fc12d	football	START DELETE	Success	...
scraper44ca50c5-9052-3499-bab8-39de4038e443	twitter	START DELETE	Success	...
scraper98cc890b-91a8-378b-ac42-16be0e745ceb	instagram	START DELETE	Success	...
scraperc770970a-68bf-331c-bc1b-2f826369f39e	science	START DELETE	Success	...

A search bar at the top right allows filtering by hashtag. A blue button with a plus sign (+) is located in the bottom right corner of the main area.

SCENARIO 5: FLOW CONTROL

ADMIN WANT TO SCRAPE NEW HASHTAG

- 1.go to flow control page
- 2.create new flow

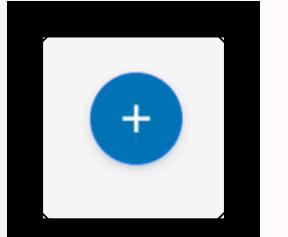
SENTIMENT

PO

CONTROLS

DAG ID	HASHTAG	Action	Status	Config
scraper28e13ecd-4c18-3a5a-b289-d3998a7fc12d	football	<button>START</button> <button>DELETE</button>	Success	...
scraper44ca50c5-9052-3499-bab8-39de4038e443	twitter	<button>START</button> <button>DELETE</button>	Success	...
scraper47762bae-a0d2-3dab-81b8-e2e612de8e81	Thai	<button>START</button> <button>DELETE</button>	Unknown	...
scraper98cc890b-91a8-378b-ac42-16be0e745ceb	instagram	<button>START</button> <button>DELETE</button>	Success	...
scraperc770970a-68bf-331c-bc1b-2f826369f39e	science	<button>START</button> <button>DELETE</button>	Success	...

Hashtag Search

+ 

SCENARIO 5: FLOW CONTROL

ADMIN WANT TO SCRAPE NEW HASHTAG

- 1.go to flow control page
- 2.create new flow
- 3.enter configuration and save

DAG ID	HASHTAG	Action	Status	Config
scraper1e463652-fb28-3fc1-81eb-a62335060f5e			Success	...
scraper28e13ecd-4c18-3a5a-b289-d3998a7fc12d			Success	...
scraper44ca50c5-9052-3499-bab8-39de4038e443			Success	...
scraper98cc890b-91a8-378b-ac42-16be0e745ceb			Success	...
scraperc770970a-68bf-331c-bc1b-2f826369f39e	science	START DELETE	Success	...

SCENARIO 5: FLOW CONTROL

ADMIN WANT TO SCRAPE NEW HASHTAG

1. go to flow control page
2. create new flow
3. enter configuration and save
4. activate the flow

SENTIMENT

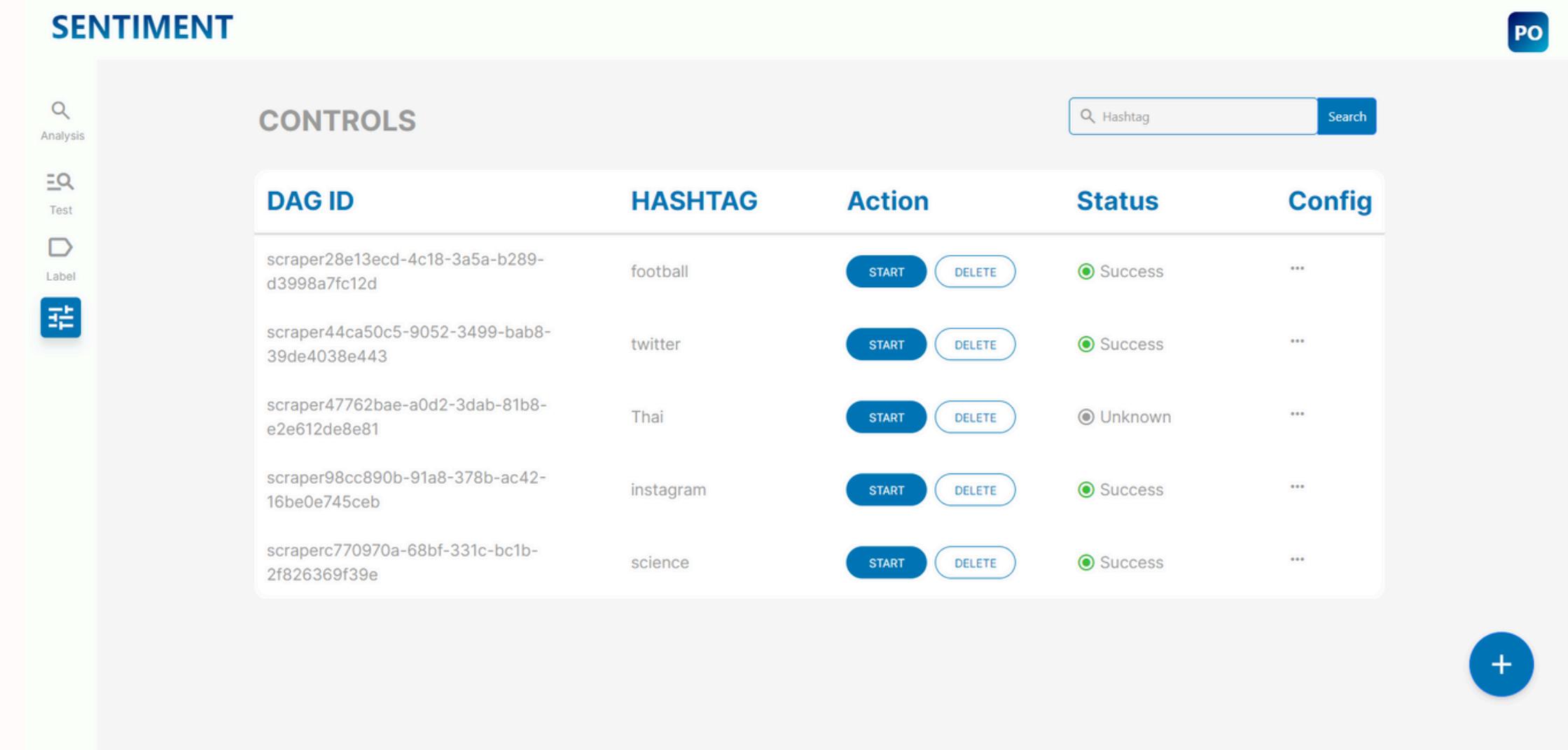
PO

CONTROLS

DAG ID	HASHTAG	Action	Status	Config
scraper28e13ecd-4c18-3a5a-b289-d3998a7fc12d	football	<button>START</button> <button>DELETE</button>	Success	...
scraper44ca50c5-9052-3499-bab8-39de4038e443	twitter	<button>START</button> <button>DELETE</button>	Success	...
scraper47762bae-a0d2-3dab-81b8-e2e612de8e81	Thai	<button>START</button> <button>DELETE</button>	Unknown	...
scraper98cc890b-91a8-378b-ac42-16be0e745ceb	instagram	<button>START</button> <button>DELETE</button>	Success	...
scraperc770970a-68bf-331c-bc1b-2f826369f39e	science	<button>START</button> <button>DELETE</button>	Success	...

Hashtag Search

+



SCENARIO 5: FLOW CONTROL

ADMIN WANT TO UPDATE SCRAPE FLOW

1. go to flow control page
2. create new flow
3. enter configuration and save
4. activate the flow
5. config the flow

The screenshot shows a user interface for managing flows. On the left, there's a sidebar with icons for Analysis, Test, Label, and a plus sign. The main area has a title 'SENTIMENT' at the top. Below it is a 'CONTROLS' section with a table:

DAG ID	HASHTAG	Action	Status	Config
scraper1e463652-fb28-3fc1-81eb-a62335060f5e			Success	...
scraper28e13ecd-4c18-3a5a-b289-d3998a7fc12d			Success	...
scraper44ca50c5-9052-3499-bab8-39de4038e443			Success	...
scraper98cc890b-91a8-378b-ac42-16be0e745ceb			Success	...
scraperc770970a-68bf-331c-bc1b-2f826369f39e	science	START DELETE	Success	...

A modal dialog is open over the table, titled 'Config'. It contains three fields: 'Start Date' (set to 07/05/2024), 'Schedule' (set to 'None Schedule'), and 'Hashtag' (set to 'เทคโนโลยี'). At the bottom of the dialog are 'Cancel' and 'Save' buttons.

SCENARIO 5: FLOW CONTROL

ADMIN WANT TO DELETE SCRAPE FLOW

1. go to flow control page
2. create new flow
3. enter configuration and save
4. activate the flow
5. config the flow
6. delete the flow

SENTIMENT

PO

CONTROLS					
DAG ID	HASHTAG	Action	Status	Config	
scraper28e13ecd-4c18-3a5a-b289-d3998a7fc12d	football	<button>START</button> <button>DELETE</button>	Success	...	
scraper44ca50c5-9052-3499-bab8-39de4038e443	twitter	<button>START</button> <button>DELETE</button>	Success	...	
scraper98cc890b-91a8-378b-ac42-16be0e745ceb	instagram	<button>START</button> <button>DELETE</button>	Success	...	
scraperc770970a-68bf-331c-bc1b-2f826369f39e	science	<button>START</button> <button>DELETE</button>	Success	...	

Hashtag Search

+



SENTIMENT X

QUESTION AND SUGGESTION



SENTIMENT X

THANK YOU
FOR
YOUR ATTENTION