

# SPITRACK

Simplifying Research Techniques



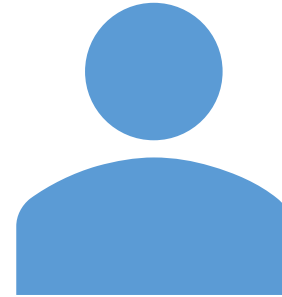
# Team Members - Eccentrics



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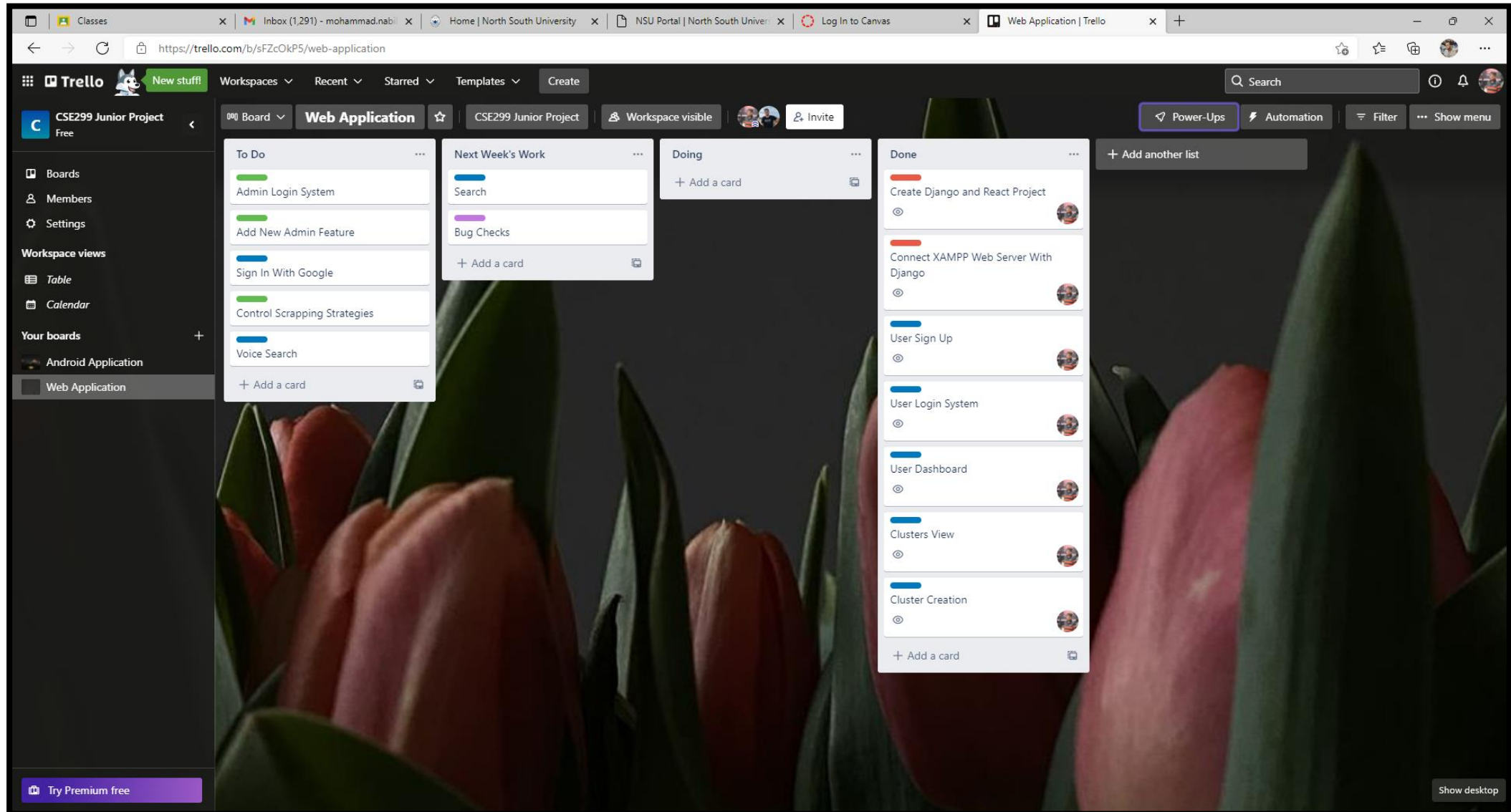
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# Organization

# Web Application (Nelay): Trello Board



# Android Application (Rafid): Trello Board

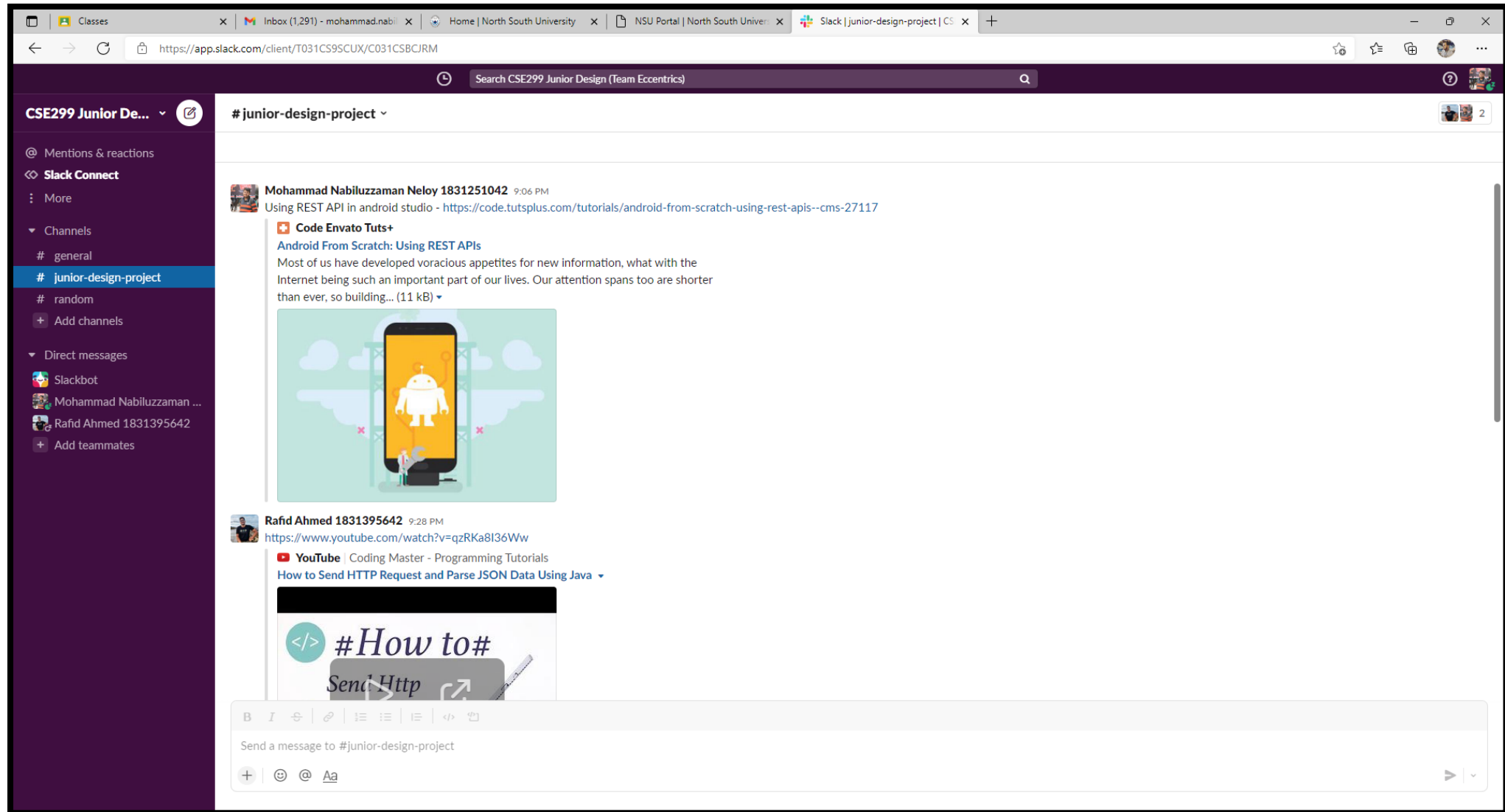
The screenshot displays a Trello workspace named 'CSE299 Junior Project' with a board titled 'Android Application'. The board is organized into four columns representing a workflow:

- To Do:** Contains cards for 'Search', 'Add New Admin', 'Admin Log In', 'Admin Dashboard', 'Sign In With Google', 'Control Scapping Strategies', and 'Voice Search'.
- Next Weeks Work:** Contains cards for 'Cluster Creation' and 'Clusters View'.
- Doing:** Contains cards for 'User Dashboard' and 'Calling API'.
- Done:** Contains cards for 'User Log In' and 'User Sign Up'.

Each card includes a progress bar and an assignee's profile picture. The interface includes a left sidebar with navigation options like 'Boards', 'Members', 'Settings', and 'Workspace views'. The top navigation bar shows various workspace and board management options. The background of the board is a scenic image of a mountain range with a yellow tent in the foreground.

Communication

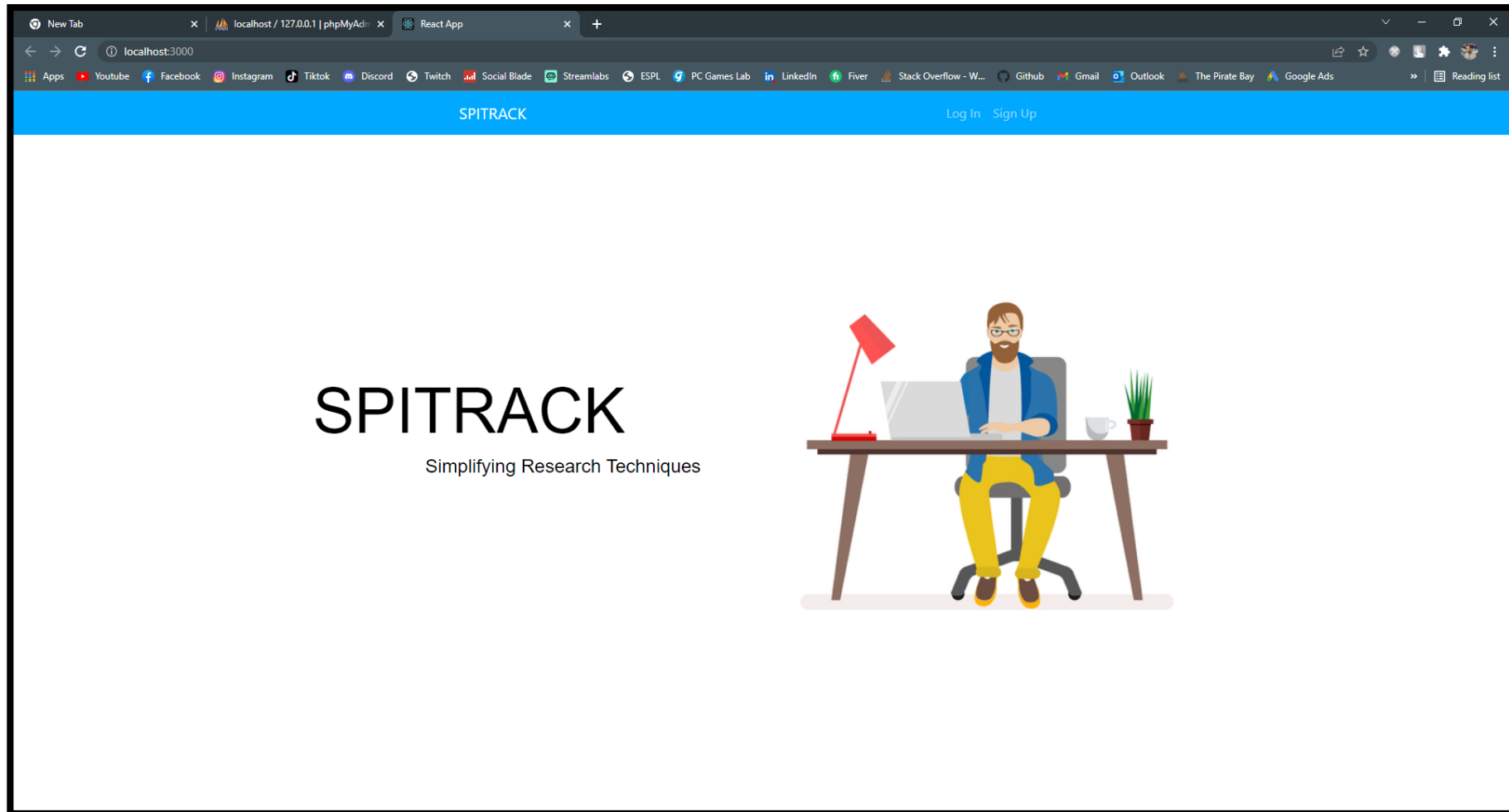
# Mostly in Messenger, but project related updates are done in Slack



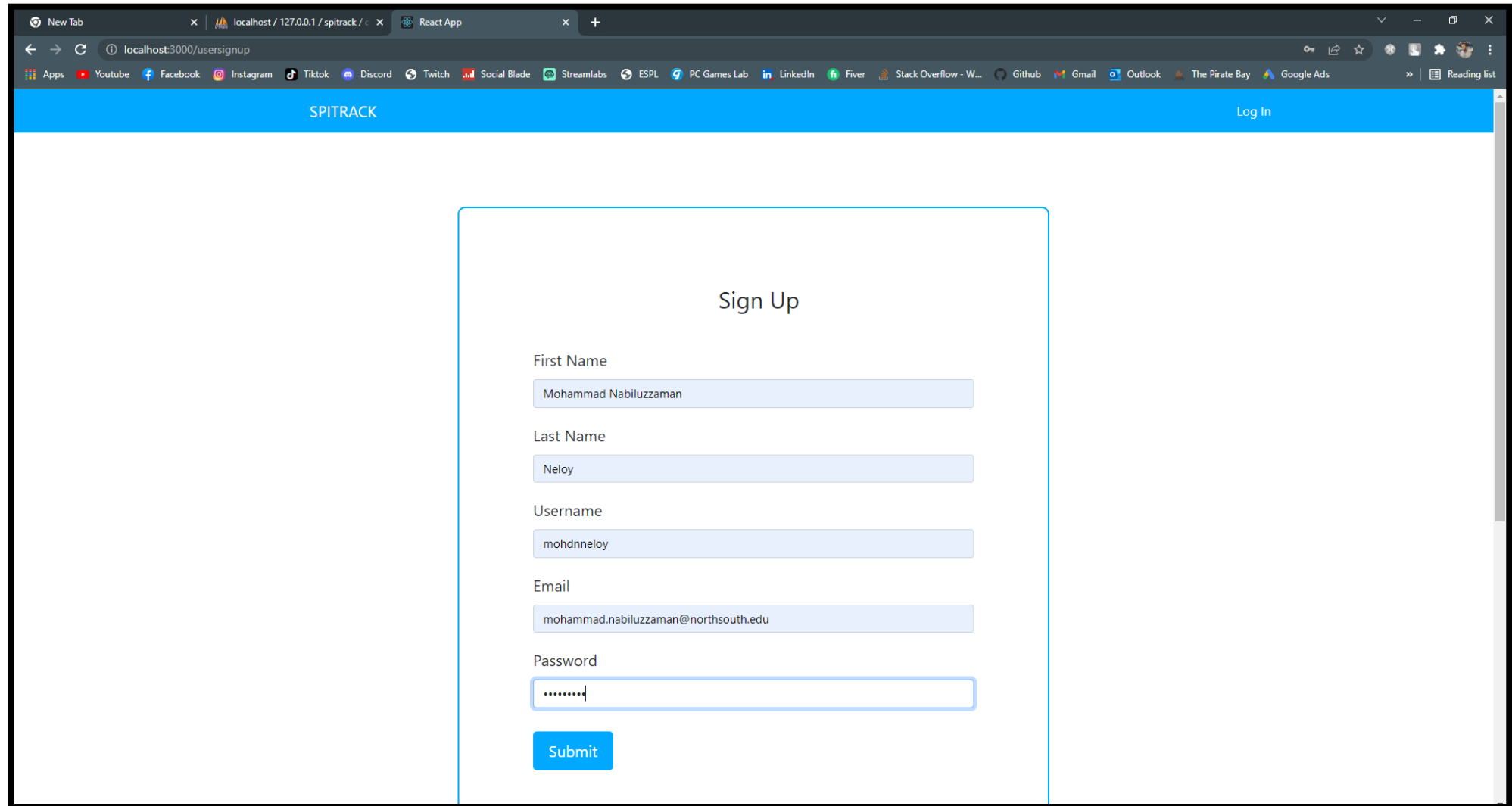
Work – WebApp (Neloy)



# Web Application (Nelay): Landing Page



# Web Application (Nelay): Sign Up

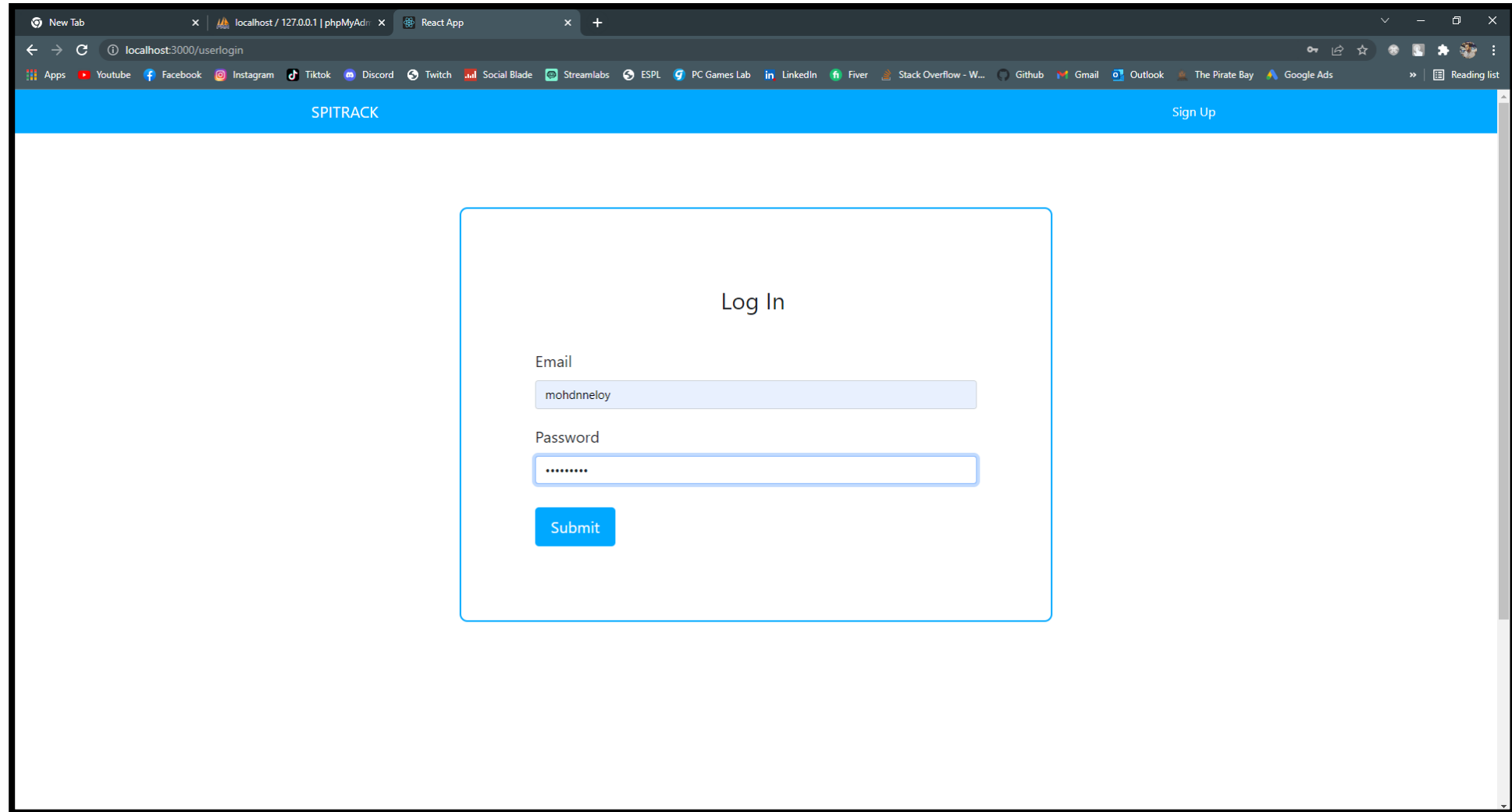


The screenshot shows a web browser window with the address bar displaying 'localhost:3000/usersignup'. The browser's tab bar shows 'New Tab', 'localhost / 127.0.0.1 / spitrack / c', and 'React App'. The browser's address bar shows 'localhost:3000/usersignup'. The browser's toolbar shows various icons for social media and productivity tools. The browser's main content area displays a 'Sign Up' form for a web application named 'SPITRACK'. The form is centered on the page and contains the following fields:

- First Name:** A text input field containing the value 'Mohammad Nabiluzzaman'.
- Last Name:** A text input field containing the value 'Nelay'.
- Username:** A text input field containing the value 'mohdnnelay'.
- Email:** A text input field containing the value 'mohammad.nabiluzzaman@northsouth.edu'.
- Password:** A text input field containing the value '.....'.

Below the password field is a blue 'Submit' button.

# Web Application (Nelay): Log In



The screenshot shows a web browser window with the address bar displaying 'localhost:3000/userlogin'. The browser's tab bar includes 'New Tab', 'localhost / 127.0.0.1 | phpMyAdmin', and 'React App'. The page features a blue header with the text 'SPITRACK' on the left and a 'Sign Up' link on the right. The main content area contains a 'Log In' form, which is a light blue rounded rectangle. Inside this form, there is a label 'Email' above a text input field containing 'mohdnnelay'. Below this is a label 'Password' above a password input field filled with dots. At the bottom of the form is a blue 'Submit' button.

SPITRACK [Sign Up](#)

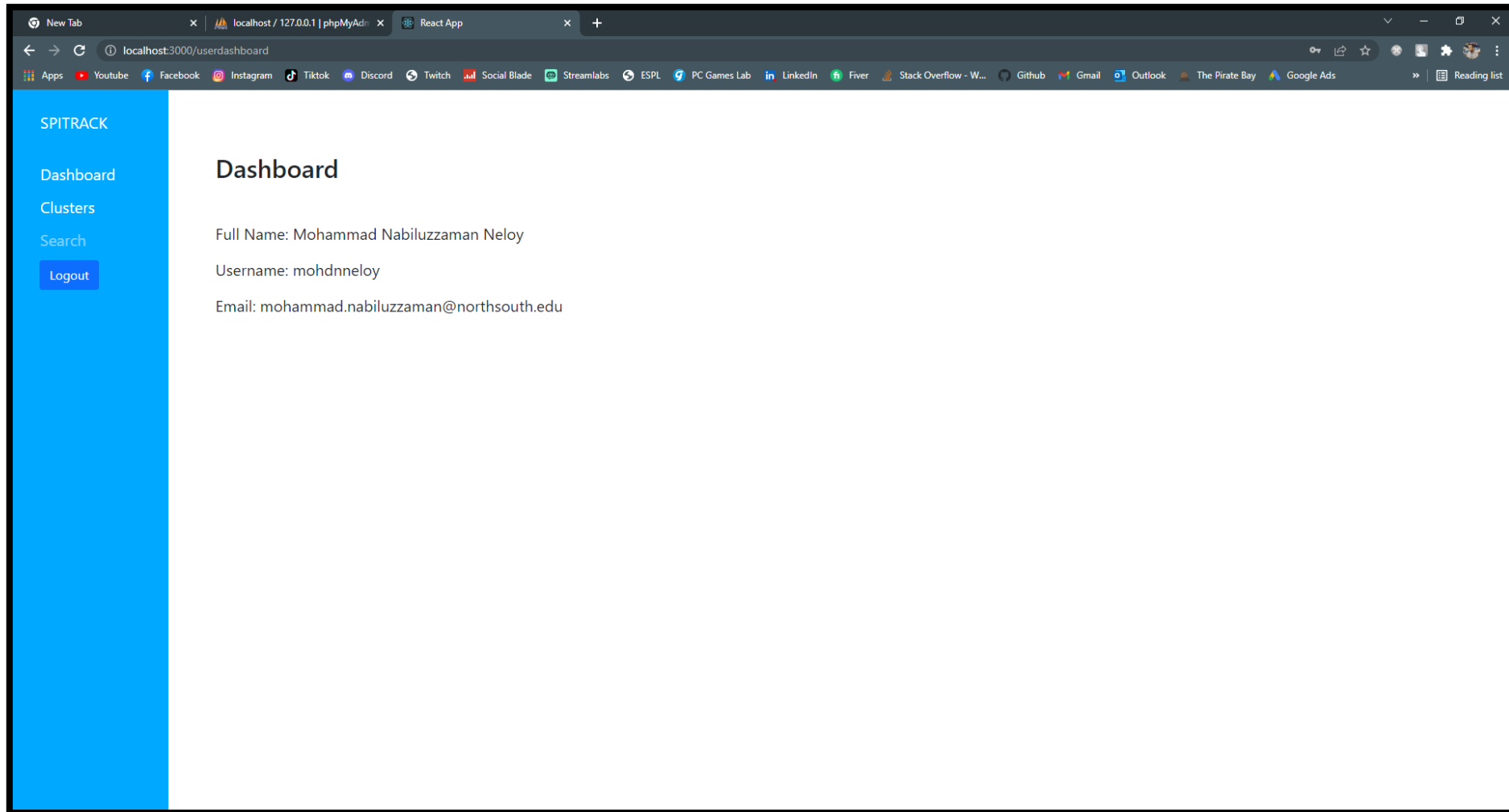
### Log In

Email

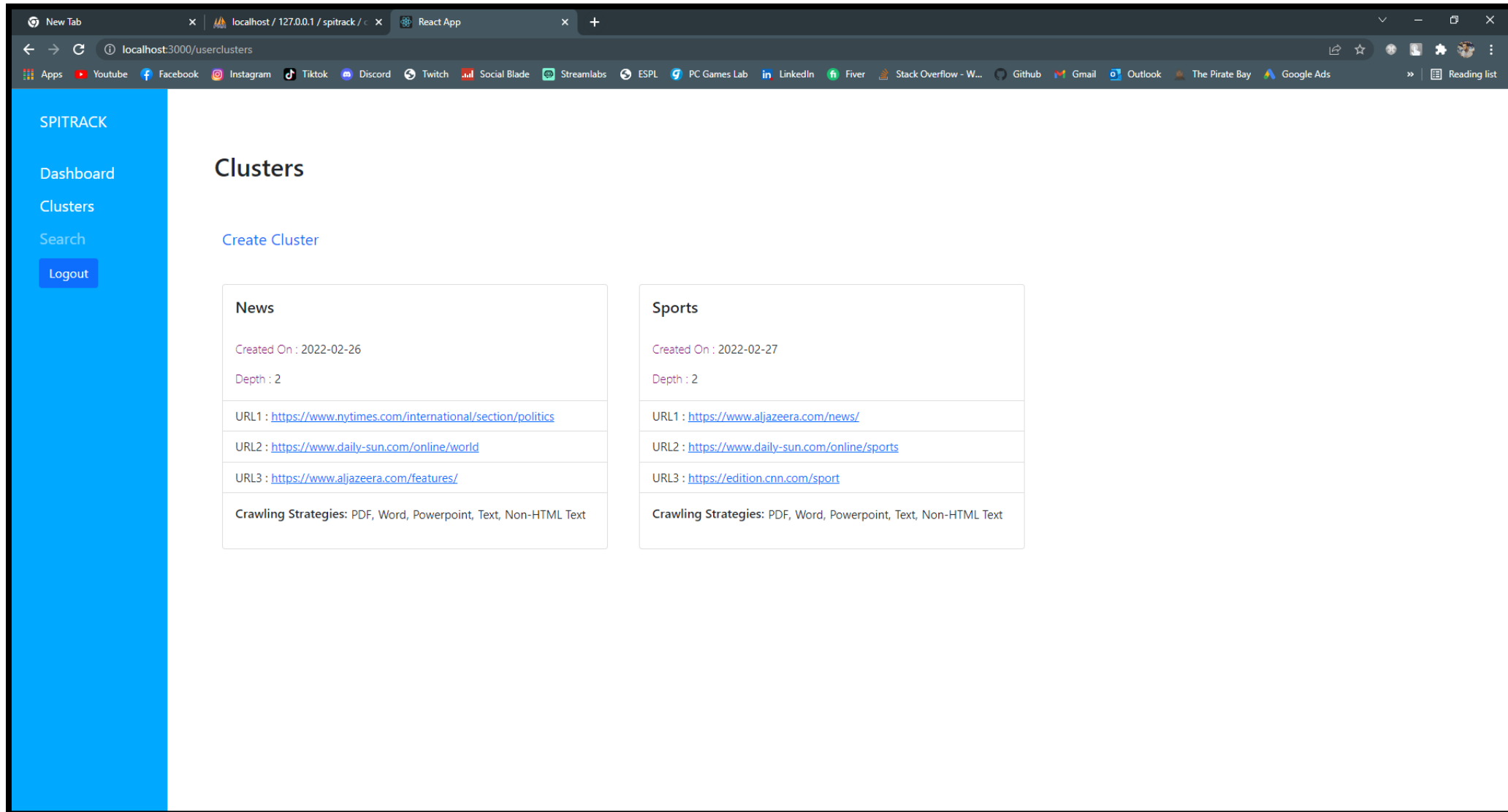
Password

[Submit](#)

# Web Application (Nelay): User Dashboard



# Web Application (Nelay): Clusters 1



The screenshot shows a web browser window with the URL `localhost:3000/userclusters`. The application has a blue sidebar with the following menu items: SPITRACK, Dashboard, Clusters, Search, and a Logout button. The main content area is titled "Clusters" and features a "Create Cluster" link. Below this, there are two cluster cards: "News" and "Sports".

News	Sports
Created On : 2022-02-26	Created On : 2022-02-27
Depth : 2	Depth : 2
URL1 : <a href="https://www.nytimes.com/international/section/politics">https://www.nytimes.com/international/section/politics</a>	URL1 : <a href="https://www.aljazeera.com/news/">https://www.aljazeera.com/news/</a>
URL2 : <a href="https://www.daily-sun.com/online/world">https://www.daily-sun.com/online/world</a>	URL2 : <a href="https://www.daily-sun.com/online/sports">https://www.daily-sun.com/online/sports</a>
URL3 : <a href="https://www.aljazeera.com/features/">https://www.aljazeera.com/features/</a>	URL3 : <a href="https://edition.cnn.com/sport">https://edition.cnn.com/sport</a>
Crawling Strategies: PDF, Word, Powerpoint, Text, Non-HTML Text	Crawling Strategies: PDF, Word, Powerpoint, Text, Non-HTML Text

# Web Application (Nelay): Create Cluster 1

The screenshot shows a web browser window with the URL `localhost:3000/userclusters/createcluster`. The browser's address bar and tabs are visible at the top. The application has a blue sidebar on the left with the following menu items: **SPITRACK**, **Dashboard**, **Clusters**, **Search**, and a **Logout** button. The main content area is titled **Create Cluster** and contains the following form fields:

- Cluster Name**: A text input field containing the text "Random Cluster".
- URL1**: A text input field containing the text "https://paperswithcode.com/paper/implicit-pdf-non-parametric-repre".
- URL2**: A text input field containing the text "https://www.daily-sun.com/online/sports".
- URL3**: A text input field containing the text "https://en.wikipedia.org/wiki/Operating\_system".
- Depth**: A text input field containing the number "3".
- Select Strategies**: A section with three checkboxes:
  - ☒ PDF (.pdf)
  - ☐ Word (.docx)
  - ☐ Powerpoint (.pptx)

# Web Application (Nelay): Create Cluster 2

The screenshot shows a web browser window with the URL `localhost:3000/userclusters/createcluster`. The browser's address bar and tabs are visible at the top. The application has a blue sidebar on the left with the following menu items: SPITRACK, Dashboard, Clusters, Search, and a Logout button. The main content area is divided into two sections. The left section contains the form fields for creating a cluster, and the right section is currently empty. The form fields are: Cluster Name (with the value 'Random Cluster'), URL1 (with the value 'https://paperswithcode.com/paper/implicit-pdf-non-parametric-repre'), URL2 (with the value 'https://www.daily-sun.com/online/sports'), URL3 (with the value 'https://en.wikipedia.org/wiki/Operating\_system'), and Depth (with the value '3'). Below these fields is a 'Select Strategies' section with five checkboxes: PDF (.pdf) (checked), Word (.docx), Powerpoint (.pptx), Text (.txt), and Non-HTML Text (.htm). A blue 'Create' button is located at the bottom of the form.

SPITRACK

Dashboard

Clusters

Search

Logout

Cluster Name

Random Cluster

URL1

https://paperswithcode.com/paper/implicit-pdf-non-parametric-repre

URL2

https://www.daily-sun.com/online/sports

URL3

https://en.wikipedia.org/wiki/Operating\_system

Depth

3

Select Strategies

☒ PDF (.pdf)

☐ Word (.docx)

☐ Powerpoint (.pptx)

☐ Text (.txt)

☐ Non-HTML Text (.htm)

Create

# Web Application (Nelay): Create Cluster 3

SPITRACK

Dashboard

Clusters

Search

Logout

localhost:3000 says  
We will notify you through email when your cluster is ready for searching!  
OK

URL1  
<https://paperswithcode.com/paper/implicit-pdf-non-parametric-repre>

URL2  
<https://www.daily-sun.com/online/sports>

URL3  
[https://en.wikipedia.org/wiki/Operating\\_system](https://en.wikipedia.org/wiki/Operating_system)

Depth  
3

Select Strategies

☒ PDF (.pdf)

☐ Word (.docx)

☐ Powerpoint (.pptx)

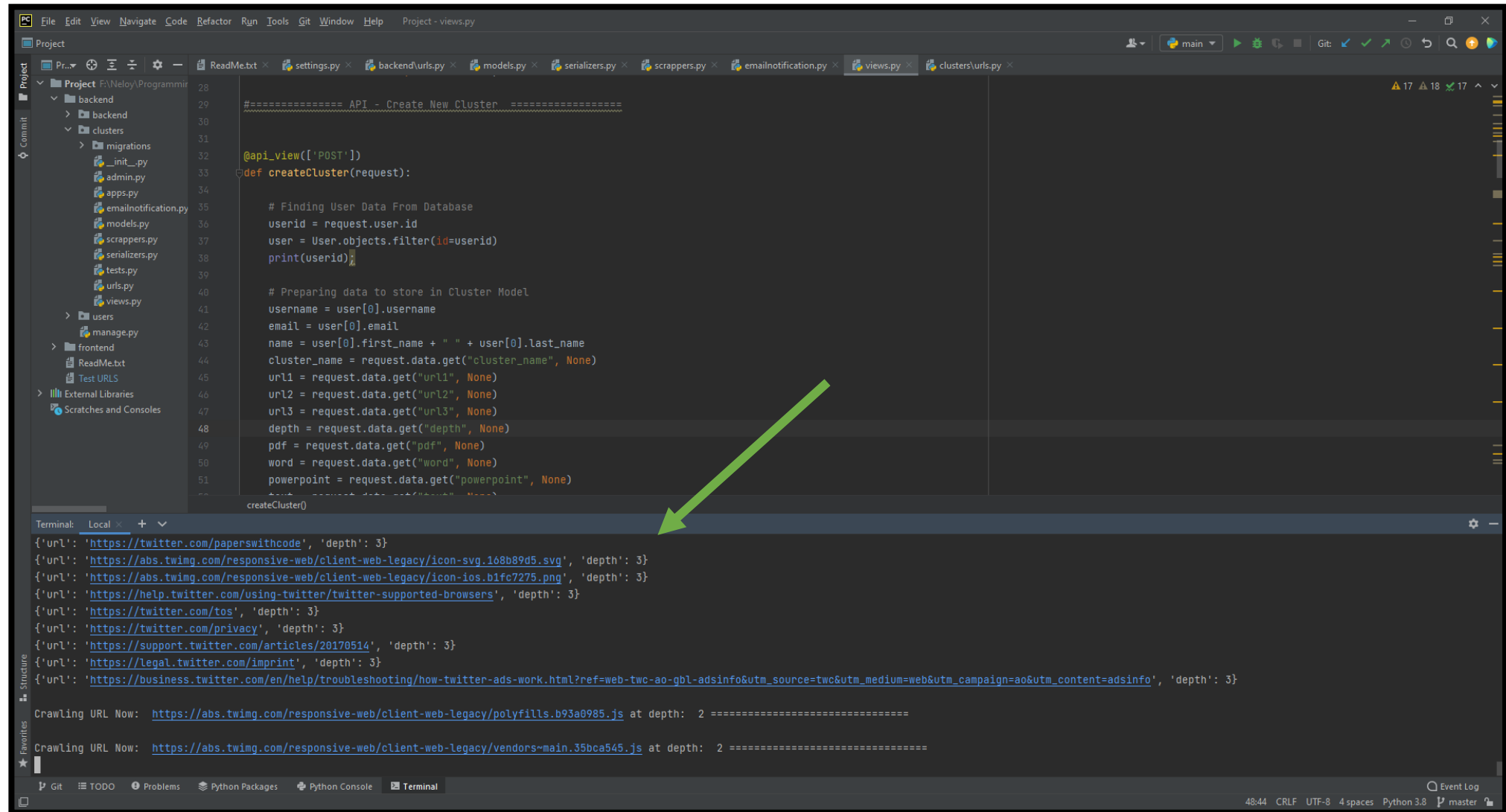
☐ Text (.txt)

☐ Non-HTML Text (.htm)

Create



# Web Application (Neloy): Create Cluster API (Scrapping)



The screenshot displays a web application interface within an IDE, specifically focusing on the 'Create Cluster API (Scrapping)' endpoint. The code is written in Python and is part of a Django project. The API endpoint is defined in the 'views.py' file, located in the 'clusters' directory. The code uses Django's ORM to filter a user by ID and then constructs a cluster object based on the user's information and the data provided in the request. The cluster object is then saved to the database. A green arrow points from the 'createCluster()' function call in the code to the terminal window, which shows the output of the API call. The terminal output displays a list of URLs and their corresponding depths, indicating the results of the web scraping process. The terminal also shows the crawling URL and the depth of the crawl.

```
##### API - Create New Cluster #####

@api_view(['POST'])
def createCluster(request):

    # Finding User Data From Database
    userid = request.user.id
    user = User.objects.filter(id=userid)
    print(userid)

    # Preparing data to store in Cluster Model
    username = user[0].username
    email = user[0].email
    name = user[0].first_name + " " + user[0].last_name
    cluster_name = request.data.get("cluster_name", None)
    url1 = request.data.get("url1", None)
    url2 = request.data.get("url2", None)
    url3 = request.data.get("url3", None)
    depth = request.data.get("depth", None)
    pdf = request.data.get("pdf", None)
    word = request.data.get("word", None)
    powerpoint = request.data.get("powerpoint", None)

    cluster = Cluster.objects.create(
        username=username,
        email=email,
        name=name,
        cluster_name=cluster_name,
        url1=url1,
        url2=url2,
        url3=url3,
        depth=depth,
        pdf=pdf,
        word=word,
        powerpoint=powerpoint
    )

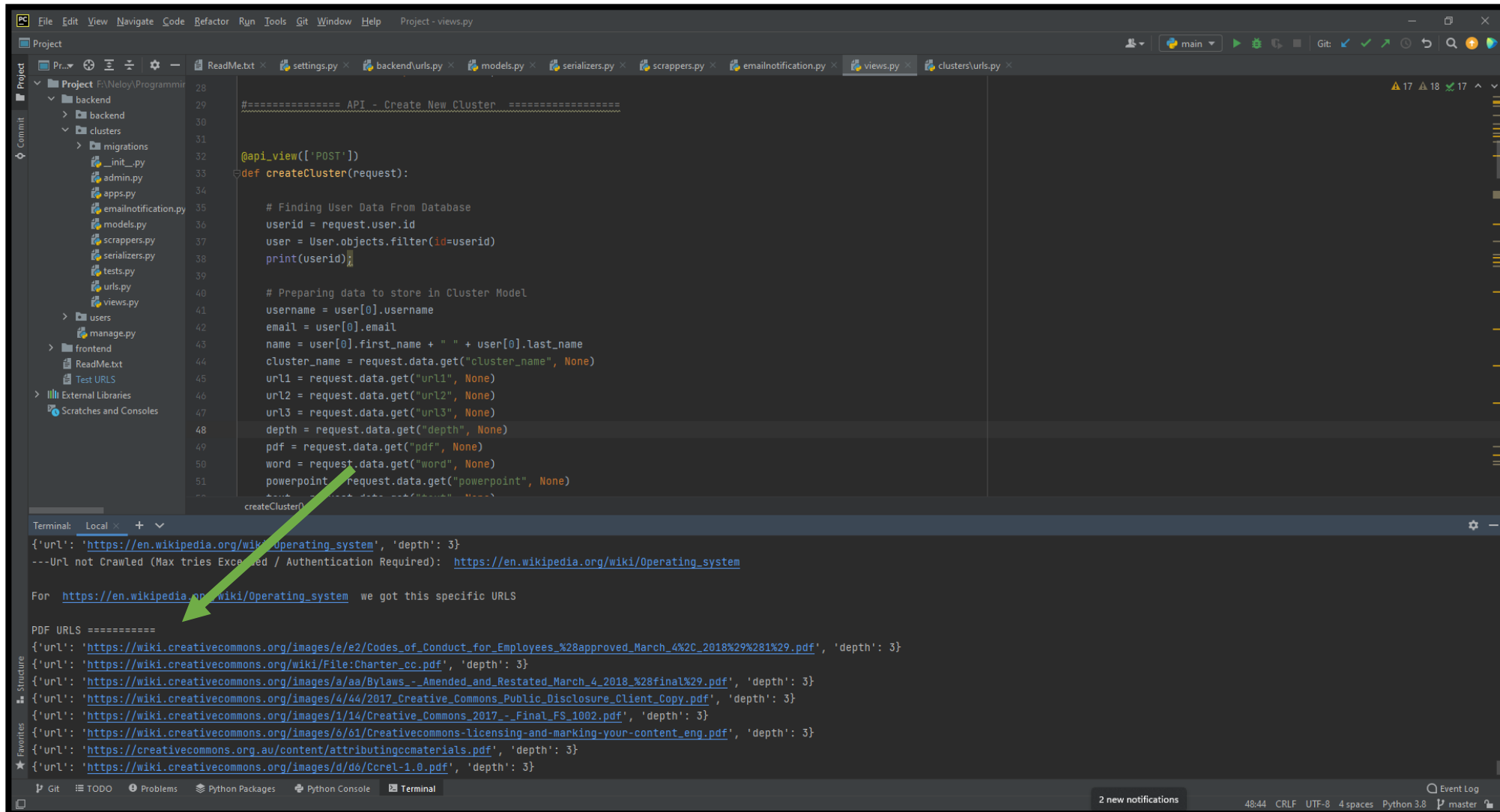
    return Response(status=status.HTTP_201_CREATED)
```

Terminal:

```
{
  "url": "https://twitter.com/paperswithcode",
  "depth": 3
}
{
  "url": "https://abs.twimg.com/responsive-web/client-web-legacy/icon-svg.168b89d5.svg",
  "depth": 3
}
{
  "url": "https://abs.twimg.com/responsive-web/client-web-legacy/icon-ios.b1fc7275.png",
  "depth": 3
}
{
  "url": "https://help.twitter.com/using-twitter/twitter-supported-browsers",
  "depth": 3
}
{
  "url": "https://twitter.com/tos",
  "depth": 3
}
{
  "url": "https://twitter.com/privacy",
  "depth": 3
}
{
  "url": "https://support.twitter.com/articles/20170514",
  "depth": 3
}
{
  "url": "https://legal.twitter.com/imprint",
  "depth": 3
}
{
  "url": "https://business.twitter.com/en/help/troubleshooting/how-twitter-ads-work.html?ref=web-twc-ao-gbl-adsinfo&utm_source=twc&utm_medium=web&utm_campaign=ao&utm_content=adsinfo",
  "depth": 3
}

Crawling URL Now: https://abs.twimg.com/responsive-web/client-web-legacy/polyfills.b93a0985.js at depth: 2
Crawling URL Now: https://abs.twimg.com/responsive-web/client-web-legacy/vendors-main.35bca545.js at depth: 2
```

# Web Application (Neloy): Create Cluster API (URL type separation)



The screenshot displays a web application interface with a REST client and a terminal output. The REST client is configured with the following details:

- Method:** POST
- URL:** <http://localhost:8080/api/cluster/>
- Headers:** Content-Type: application/json
- Body:**

```
{
  "url1": "https://en.wikipedia.org/wiki/Operating_system",
  "url2": "https://en.wikipedia.org/wiki/Operating_system",
  "url3": "https://en.wikipedia.org/wiki/Operating_system",
  "depth": 3,
  "pdf": "https://en.wikipedia.org/wiki/Operating_system",
  "word": "https://en.wikipedia.org/wiki/Operating_system",
  "powerpoint": "https://en.wikipedia.org/wiki/Operating_system"
}
```

The terminal output shows the response from the API:

```
{
  "url": "https://en.wikipedia.org/wiki/Operating_system",
  "depth": 3
}
---Url not Crawled (Max tries Exceeded / Authentication Required): https://en.wikipedia.org/wiki/Operating_system

For https://en.wikipedia.org/wiki/Operating_system we got this specific URLs

PDF URLs =====
{
  "url": "https://wiki.creativecommons.org/images/e/e2/Codes_of_Conduct_for_Employees_%28approved_March_4%2C_2018%29%281%29.pdf",
  "depth": 3
}
{
  "url": "https://wiki.creativecommons.org/wiki/File:Charter_cc.pdf",
  "depth": 3
}
{
  "url": "https://wiki.creativecommons.org/images/a/aa/Bylaws_-_Amended_and_Restated_March_4_2018_%28final%29.pdf",
  "depth": 3
}
{
  "url": "https://wiki.creativecommons.org/images/4/44/2017_Creative_Commons_Public_Disclosure_Client_Copy.pdf",
  "depth": 3
}
{
  "url": "https://wiki.creativecommons.org/images/1/14/Creative_Commons_2017_-_Final_FS_1002.pdf",
  "depth": 3
}
{
  "url": "https://wiki.creativecommons.org/images/6/61/Creativecommons-licensing-and-marking-your-content_eng.pdf",
  "depth": 3
}
{
  "url": "https://creativecommons.org.au/content/attributingccmaterials.pdf",
  "depth": 3
}
{
  "url": "https://wiki.creativecommons.org/images/d/d6/Ccrel-1.0.pdf",
  "depth": 3
}
```

A green arrow points from the terminal output to the REST client body, indicating the mapping of the API response to the request body.

# Web Application (Neloy): Create Cluster API (Parsing)

```
File Edit View Navigate Code Refactor Run Tools Git Window Help Project - views.py
Project
  Project F:\Neloy\Programmi...
  backend
  clusters
  migrations
  __init__.py
  admin.py
  apps.py
  emailnotification.py
  models.py
  scrappers.py
  serializers.py
  tests.py
  urls.py
  views.py
  users
  manage.py
  frontend
  ReadMe.txt
  Test URLs
  External Libraries
  Scratches and Consoles

28
29 ===== API - Create New Cluster =====
30
31
32 @api_view(['POST'])
33 def createCluster(request):
34
35     # Finding User Data From Database
36     userid = request.user.id
37     user = User.objects.filter(id=userid)
38     print(userid)
39
40     # Preparing data to store in Cluster Model
41     username = user[0].username
42     email = user[0].email
43     name = user[0].first_name + " " + user[0].last_name
44     cluster_name = request.data.get("cluster_name", None)
45     url1 = request.data.get("url1", None)
46     url2 = request.data.get("url2", None)
47     url3 = request.data.get("url3", None)
48     depth = request.data.get("depth", None)
49     pdf = request.data.get("pdf", None)
50     word = request.data.get("word", None)
51     powerpoint = request.data.get("powerpoint", None)
52
53     createCluster()

Terminal: Local x +
skip
Entered
Done PDF Parsing: https://wiki.creativecommons.org/images/a/aa/Bylaws_-_Amended_and_Restated_March_4_2012_-_28final%29.pdf
Entered
skip
Entered
skip
Entered
Done PDF Parsing: https://wiki.creativecommons.org/images/b/61/Creativecommons-licensing-and-marking-your-content_eng.pdf
Entered
UserWarning: startxref on same line as offset [pdf.py:1709]
Done PDF Parsing: https://creativecommons.org.au/content/attributingccmaterials.pdf
Entered
Done PDF Parsing: https://wiki.creativecommons.org/images/d/d6/Ccrel-1.0.pdf

Git TODO Problems Python Packages Python Console Terminal
Show desktop 48:44 CRLF UTF-8 4 spaces Python 3.8 master
```

# Web Application (Neloy): Create Cluster API (Task Completion in Backend)

The screenshot displays the PyCharm IDE interface. The main editor window shows the `views.py` file in the `clusters` directory. The code defines a `createCluster` function that handles a POST request to create a new cluster. The function retrieves user data, prepares cluster details, and stores them in the database. The terminal window at the bottom shows the execution of the application, with a green arrow pointing from the `createCluster` function in the code to the corresponding log entry in the terminal.

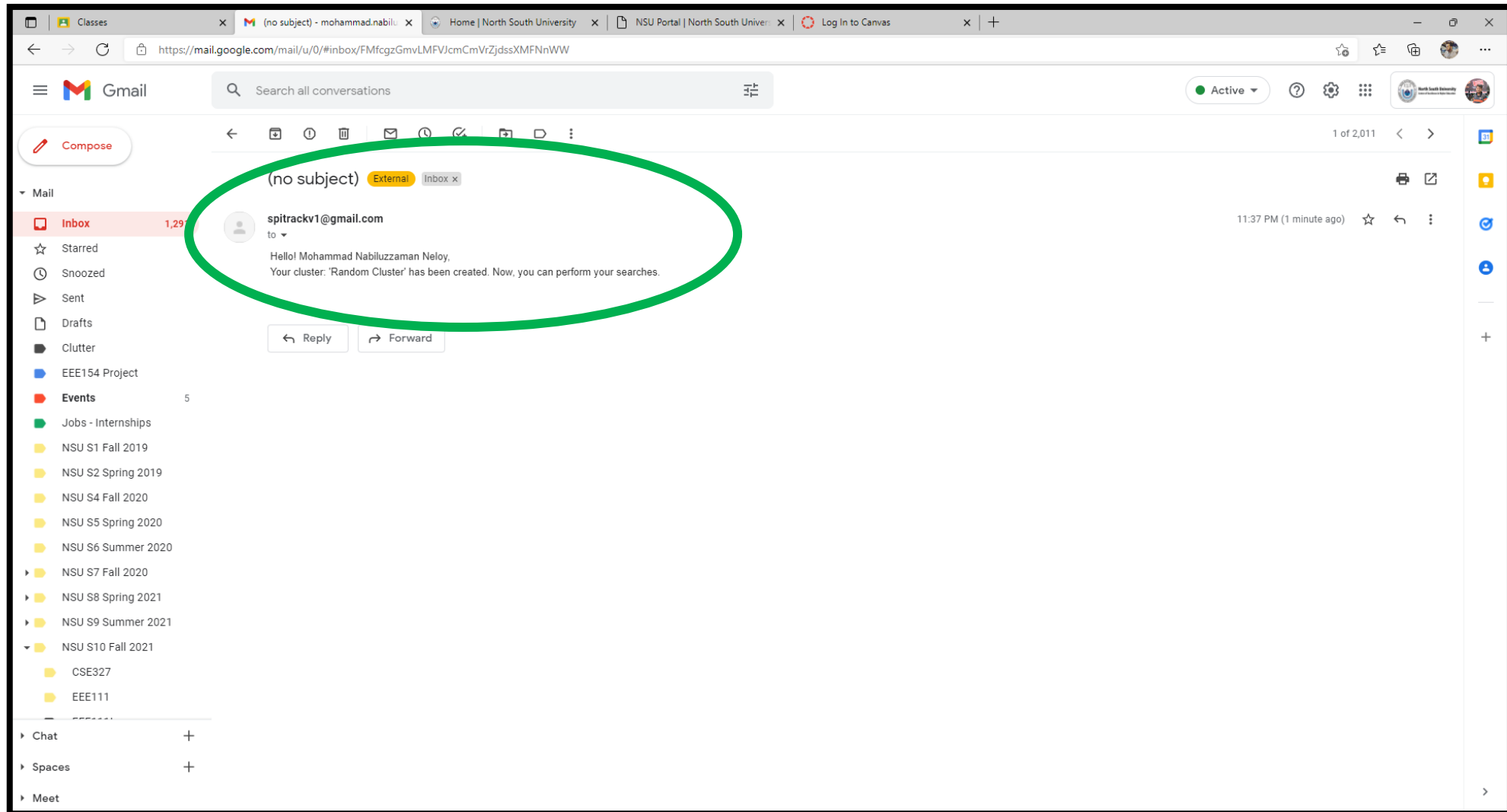
```
##### API - Create New Cluster #####
@api_view(['POST'])
def createCluster(request):
    # Finding User Data From Database
    userid = request.user.id
    user = User.objects.filter(id=userid)
    print(userid)

    # Preparing data to store in Cluster Model
    username = user[0].username
    email = user[0].email
    name = user[0].first_name + " " + user[0].last_name
    cluster_name = request.data.get("cluster_name", None)
    url1 = request.data.get("url1", None)
    url2 = request.data.get("url2", None)
    url3 = request.data.get("url3", None)
    depth = request.data.get("depth", None)
    pdf = request.data.get("pdf", None)
    word = request.data.get("word", None)
    powerpoint = request.data.get("powerpoint", None)
```

Terminal Output:

```
Entered
skip
Entered
skip
Entered
skip
Entered
skip
Done with PDF URLs
[28/Feb/2022 23:37:38] "POST /cluster/createcluster HTTP/1.1" 201 347
1
[28/Feb/2022 23:37:39] "GET /cluster/clusterdetails HTTP/1.1" 200 1039
```

# Web Application (Nelay): Create Cluster (Email Notification)

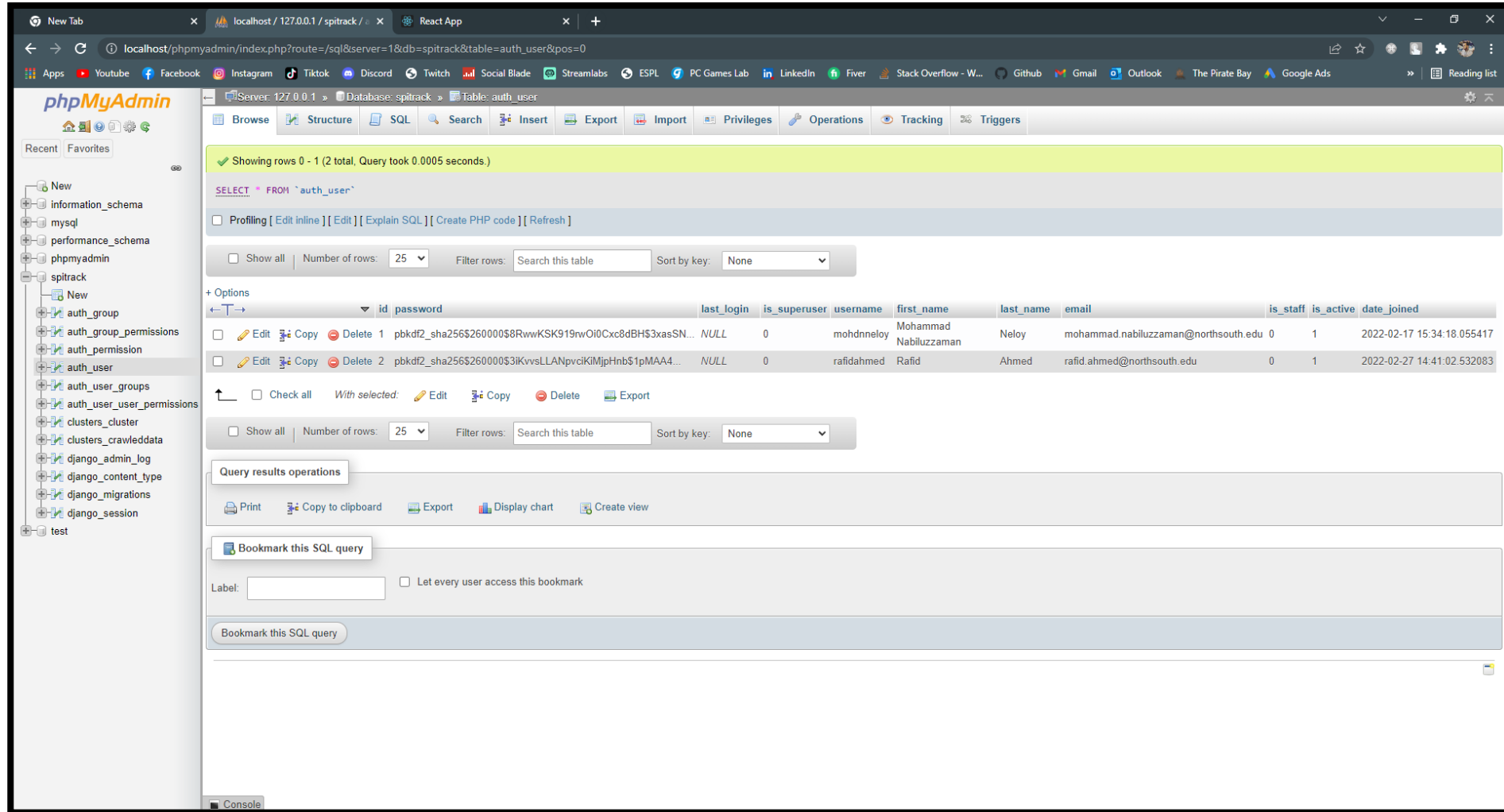


# Web Application (Nelay): Clusters 2

The screenshot shows a web browser window with the URL `localhost:3000/userclusters`. The browser's address bar and tabs are visible at the top. The application has a blue sidebar on the left with the following menu items: SPITRACK, Dashboard, Clusters, Search, and a Logout button. The main content area is titled 'Clusters' and includes a 'Create Cluster' link. There are three cluster cards displayed:

- News**
  - Created On : 2022-02-26
  - Depth : 2
  - URL1 : <https://www.nytimes.com/international/section/politics>
  - URL2 : <https://www.daily-sun.com/online/world>
  - URL3 : <https://www.aljazeera.com/features/>
  - Crawling Strategies: PDF, Word, Powerpoint, Text, Non-HTML Text
- Sports**
  - Created On : 2022-02-27
  - Depth : 2
  - URL1 : <https://www.aljazeera.com/news/>
  - URL2 : <https://www.daily-sun.com/online/sports>
  - URL3 : <https://edition.cnn.com/sport>
  - Crawling Strategies: PDF, Word, Powerpoint, Text, Non-HTML Text
- Random Cluster** (highlighted with a green circle)
  - Created On : 2022-02-28
  - Depth : 3
  - URL1 : <https://paperswithcode.com/paper/implicit-pdf-non-parametric-representation-of>
  - URL2 : <https://www.daily-sun.com/online/sports>
  - URL3 : [https://en.wikipedia.org/wiki/Operating\\_system](https://en.wikipedia.org/wiki/Operating_system)
  - Crawling Strategies: PDF

# Web Application (Nelay): Database (Users Table)



The screenshot displays the phpMyAdmin web interface. The left sidebar shows the database structure, with 'spitrack' selected. The main panel shows the 'auth\_user' table. The table has columns: id, password, last\_login, is\_superuser, username, first\_name, last\_name, email, is\_staff, is\_active, and date\_joined. Two rows of data are visible.

	id	password	last_login	is_superuser	username	first_name	last_name	email	is_staff	is_active	date_joined
<input type="checkbox"/>	1	pbkdf2_sha256\$260000\$8RwwKSK919rwOi0Cxc8dBH\$3xasSN...	NULL	0	mohdnneloy	Mohammad Nabiluzzaman	Neloy	mohammad.nabiluzzaman@northsouth.edu	0	1	2022-02-17 15:34:18.055417
<input type="checkbox"/>	2	pbkdf2_sha256\$260000\$3KrvsLLANpvcikMjpHnb\$1pMAA4...	NULL	0	rafidahmed	Rafid	Ahmed	rafid.ahmed@northsouth.edu	0	1	2022-02-27 14:41:02.532083

# Web Application (Nelay): Database (Clusters Table)

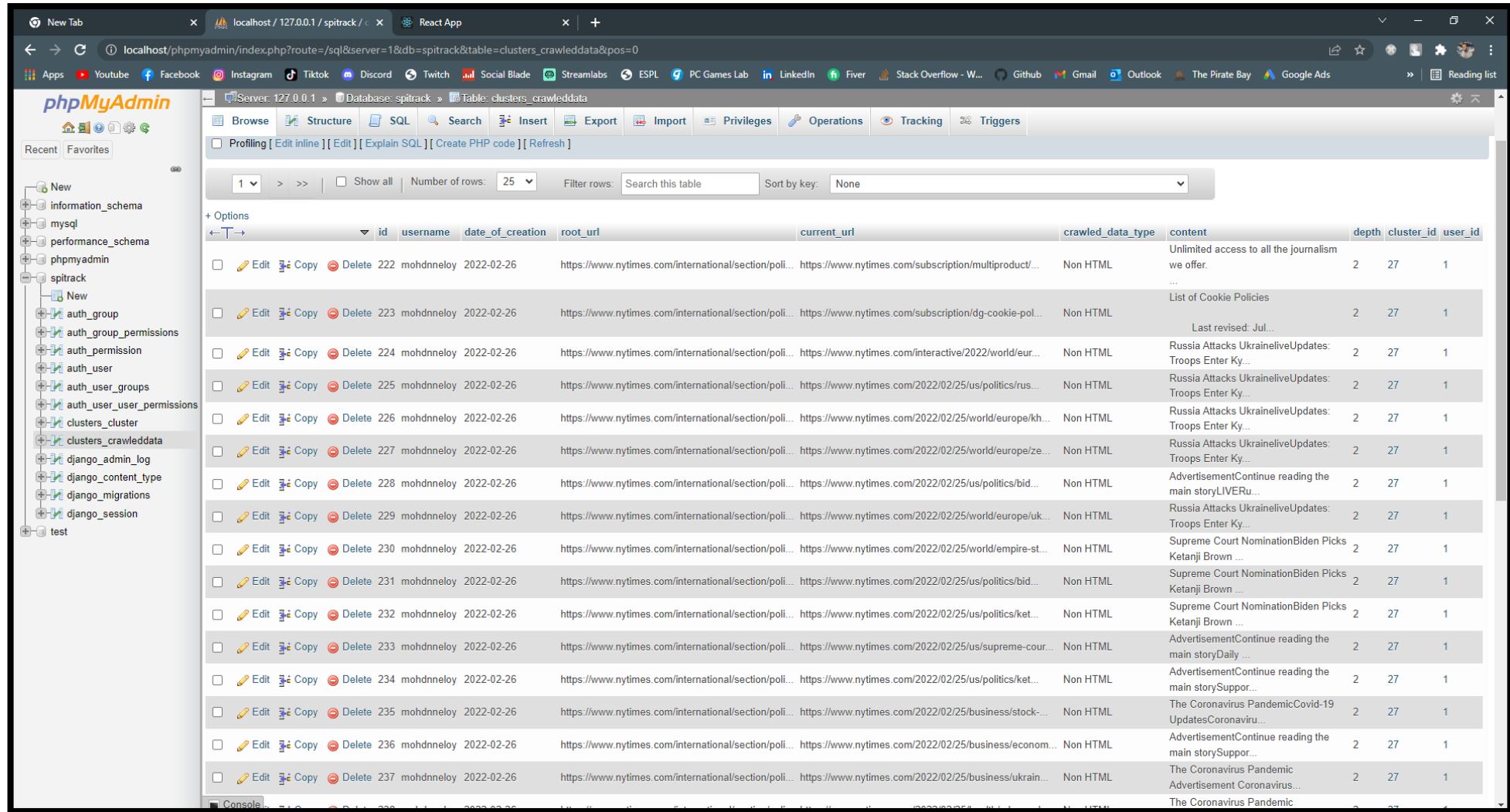
The screenshot displays the phpMyAdmin web interface in a browser. The address bar shows the URL: `localhost/phpmyadmin/index.php?route=/sql&server=1&db=spitrack&table=clusters_cluster&pos=0`. The interface is for the 'spitrack' database, specifically viewing the 'clusters\_cluster' table. The table structure and data are as follows:

	id	username	cluster_name	url1	url2	url3	depth	pdf	word	powerpoint	text	non_html_text	date_of_creation	user_id
<input type="checkbox"/>	27	mohdnnelay	News	<a href="https://www.nytimes.com/international/section/poli...">https://www.nytimes.com/international/section/poli...</a>	<a href="https://www.daily-sun.com/online/world">https://www.daily-sun.com/online/world</a>	<a href="https://www.aljazeera.com/features/">https://www.aljazeera.com/features/</a>	2	1	1	1	1	1	2022-02-26	1
<input type="checkbox"/>	42	mohdnnelay	Sports	<a href="https://www.aljazeera.com/news/">https://www.aljazeera.com/news/</a>	<a href="https://www.daily-sun.com/online/sports">https://www.daily-sun.com/online/sports</a>	<a href="https://edition.cnn.com/sport">https://edition.cnn.com/sport</a>	2	1	1	1	1	1	2022-02-27	1
<input type="checkbox"/>	48	mohdnnelay	Random Cluster	<a href="https://paperswithcode.com/paper/implicit-pdf-non-...">https://paperswithcode.com/paper/implicit-pdf-non-...</a>	<a href="https://www.daily-sun.com/online/sports">https://www.daily-sun.com/online/sports</a>	<a href="https://en.wikipedia.org/wiki/Operating_system">https://en.wikipedia.org/wiki/Operating_system</a>	3	1	0	0	0	0	2022-02-28	1

The interface includes a left sidebar with a database tree, a top navigation bar with tabs like 'Browse', 'Structure', 'SQL', etc., and a bottom console area. The main content area shows the table data with options to edit, delete, or export rows. Below the table, there are options for query results operations (Print, Copy to clipboard, Export, Display chart, Create view) and a section to bookmark the SQL query.



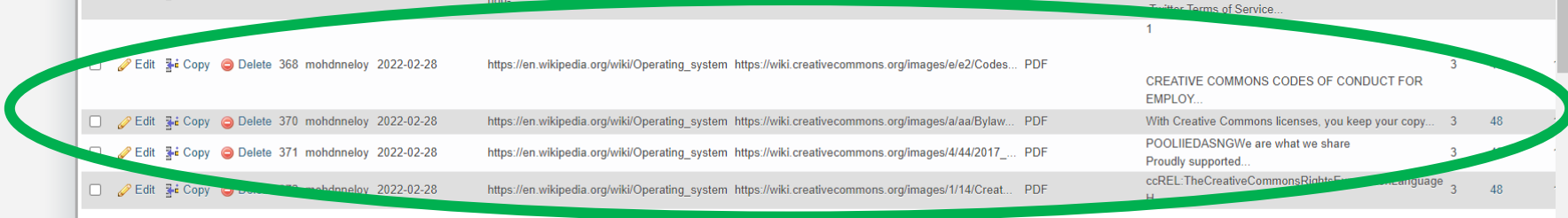
# Web Application (Nelay): Database (Crawled Data 1)



The screenshot displays the phpMyAdmin interface for a MySQL database named 'spitrack'. The selected table is 'clusters\_crawleddata'. The interface shows a list of 14 rows of data, each representing a crawled item. The columns visible are: id, username, date\_of\_creation, root\_url, current\_url, crawled\_data\_type, content, depth, cluster\_id, and user\_id. The data includes various news articles and advertisements, all with a depth of 2 and user\_id of 1.

	id	username	date_of_creation	root_url	current_url	crawled_data_type	content	depth	cluster_id	user_id
<input type="checkbox"/>	222	mohdnnelay	2022-02-26	https://www.nytimes.com/international/section/poli...	https://www.nytimes.com/subscription/multiproduct/...	Non HTML	Unlimited access to all the journalism we offer.	2	27	1
<input type="checkbox"/>	223	mohdnnelay	2022-02-26	https://www.nytimes.com/international/section/poli...	https://www.nytimes.com/subscription/dg-cookie-pol...	Non HTML	List of Cookie Policies	2	27	1
<input type="checkbox"/>	224	mohdnnelay	2022-02-26	https://www.nytimes.com/international/section/poli...	https://www.nytimes.com/interactive/2022/world/eur...	Non HTML	Last revised: Jul...	2	27	1
<input type="checkbox"/>	225	mohdnnelay	2022-02-26	https://www.nytimes.com/international/section/poli...	https://www.nytimes.com/2022/02/25/us/politics/rus...	Non HTML	Russia Attacks UkraineliveUpdates: Troops Enter Ky...	2	27	1
<input type="checkbox"/>	226	mohdnnelay	2022-02-26	https://www.nytimes.com/international/section/poli...	https://www.nytimes.com/2022/02/25/world/europe/kh...	Non HTML	Russia Attacks UkraineliveUpdates: Troops Enter Ky...	2	27	1
<input type="checkbox"/>	227	mohdnnelay	2022-02-26	https://www.nytimes.com/international/section/poli...	https://www.nytimes.com/2022/02/25/world/europe/ze...	Non HTML	Russia Attacks UkraineliveUpdates: Troops Enter Ky...	2	27	1
<input type="checkbox"/>	228	mohdnnelay	2022-02-26	https://www.nytimes.com/international/section/poli...	https://www.nytimes.com/2022/02/25/us/politics/bid...	Non HTML	AdvertisementContinue reading the main storyLIVERu...	2	27	1
<input type="checkbox"/>	229	mohdnnelay	2022-02-26	https://www.nytimes.com/international/section/poli...	https://www.nytimes.com/2022/02/25/world/europe/uk...	Non HTML	Russia Attacks UkraineliveUpdates: Troops Enter Ky...	2	27	1
<input type="checkbox"/>	230	mohdnnelay	2022-02-26	https://www.nytimes.com/international/section/poli...	https://www.nytimes.com/2022/02/25/world/empire-st...	Non HTML	Supreme Court NominationBiden Picks Ketanji Brown ...	2	27	1
<input type="checkbox"/>	231	mohdnnelay	2022-02-26	https://www.nytimes.com/international/section/poli...	https://www.nytimes.com/2022/02/25/us/politics/bid...	Non HTML	Supreme Court NominationBiden Picks Ketanji Brown ...	2	27	1
<input type="checkbox"/>	232	mohdnnelay	2022-02-26	https://www.nytimes.com/international/section/poli...	https://www.nytimes.com/2022/02/25/us/politics/ket...	Non HTML	Supreme Court NominationBiden Picks Ketanji Brown ...	2	27	1
<input type="checkbox"/>	233	mohdnnelay	2022-02-26	https://www.nytimes.com/international/section/poli...	https://www.nytimes.com/2022/02/25/us/supreme-cour...	Non HTML	AdvertisementContinue reading the main storyDaily ...	2	27	1
<input type="checkbox"/>	234	mohdnnelay	2022-02-26	https://www.nytimes.com/international/section/poli...	https://www.nytimes.com/2022/02/25/us/politics/ket...	Non HTML	AdvertisementContinue reading the main storySuppor...	2	27	1
<input type="checkbox"/>	235	mohdnnelay	2022-02-26	https://www.nytimes.com/international/section/poli...	https://www.nytimes.com/2022/02/25/business/stock...	Non HTML	The Coronavirus PandemicCovid-19 UpdatesCoronaviru...	2	27	1
<input type="checkbox"/>	236	mohdnnelay	2022-02-26	https://www.nytimes.com/international/section/poli...	https://www.nytimes.com/2022/02/25/business/econom...	Non HTML	AdvertisementContinue reading the main storySuppor...	2	27	1
<input type="checkbox"/>	237	mohdnnelay	2022-02-26	https://www.nytimes.com/international/section/poli...	https://www.nytimes.com/2022/02/25/business/ukrain...	Non HTML	The Coronavirus Pandemic Advertisement Coronavirus...	2	27	1

# Web Application (Nelay): Database (Crawled Data 2)

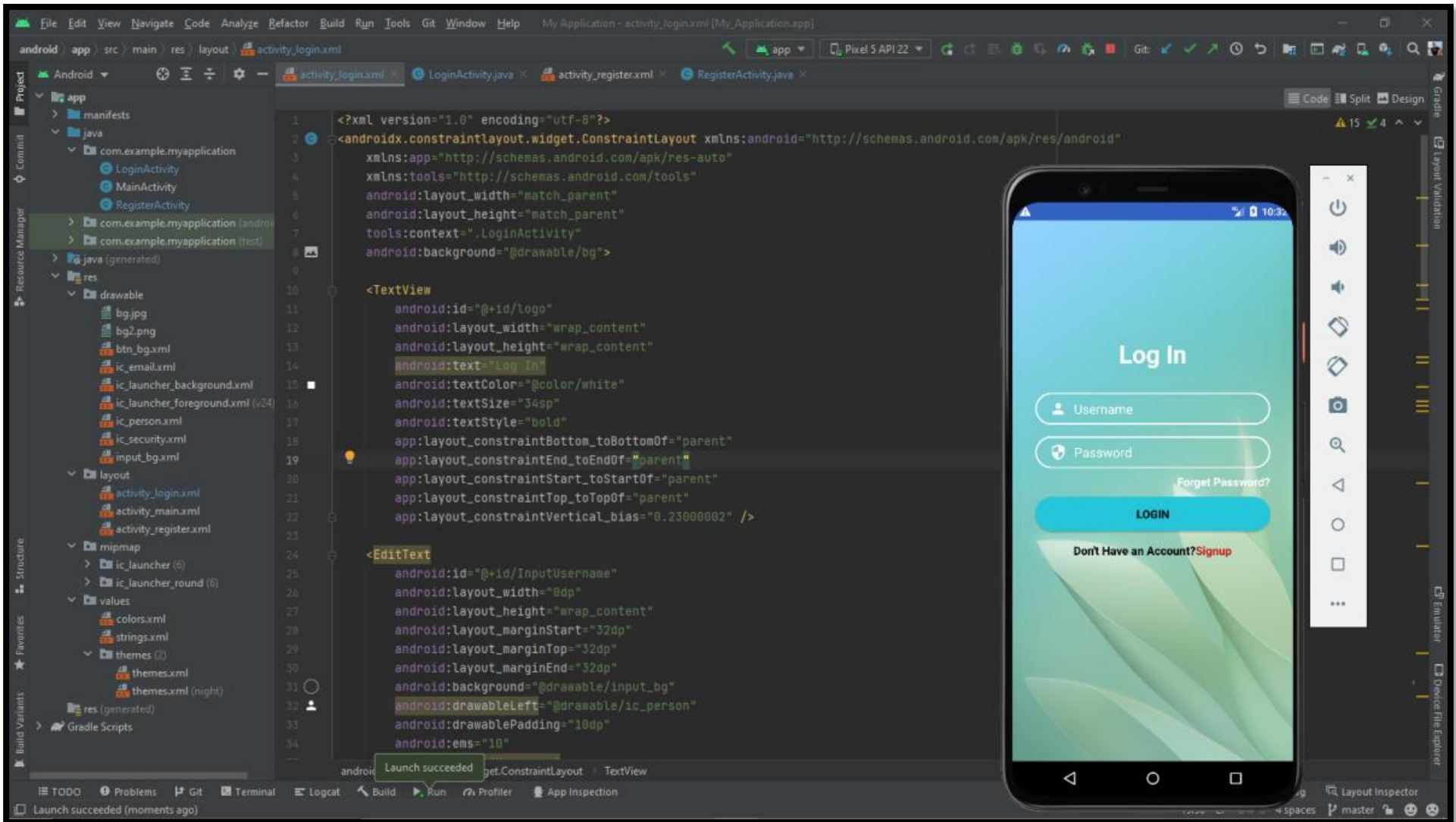


The screenshot shows the phpMyAdmin interface with the 'clusters\_crawleddata' table selected. The table contains columns: id, username, date\_of\_creation, root\_url, current\_url, crawled\_data\_type, content, depth, and cluster\_id. A green oval highlights rows 367 through 371, which contain Creative Commons related data.

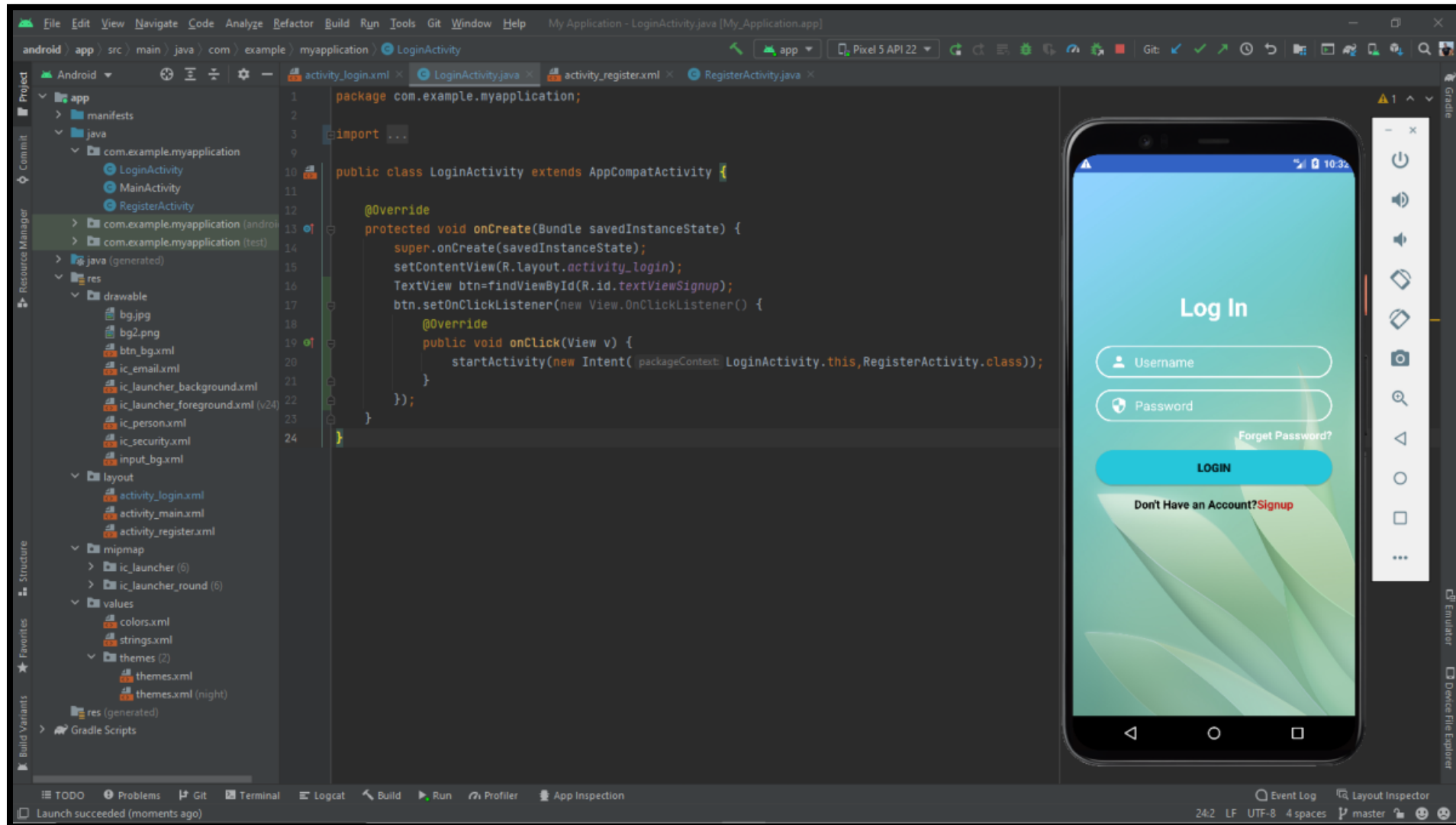
	id	username	date_of_creation	root_url	current_url	crawled_data_type	content	depth	cluster_id
	347	mohdnneloy	2022-02-27	https://edition.cnn.com/sport	https://www.cnn.com/2021/06/25/sport/robbie-baleng...	Non HTML	Vegan endurance athlete Robbie Balenger on his spi...	1	42
	348	mohdnneloy	2022-02-27	https://edition.cnn.com/sport	https://www.cnn.com/2020/12/02/sport/rene-campbell...	Non HTML	JUST WATCHEDRene Campbell: The champion bodybuilde...	1	42
	349	mohdnneloy	2022-02-27	https://edition.cnn.com/sport	https://www.cnn.com/2020/10/06/sport/priscilla-fre...	Non HTML	Olympic high jumper pressured to 'perform better' ...	1	42
	350	mohdnneloy	2022-02-27	https://edition.cnn.com/sport	https://www.cnn.com/2020/06/10/sport/marilyn-okoro...	Non HTML	'Oh you must be heavy boned' Marilyn Okoro's figh...	1	42
	351	mohdnneloy	2022-02-27	https://edition.cnn.com/sport	https://www.cnn.com/2022/01/29/sport/university-of...	Non HTML	JUST WATCHEDWho was Navid Afkari?ReplayMore Videos...	1	42
	352	mohdnneloy	2022-02-27	https://edition.cnn.com/sport	https://www.cnn.com/2021/06/28/sport/navid-afkari...	Non HTML	JUST WATCHEDShould Iran be banned from the Olympic...	1	42
	353	mohdnneloy	2022-02-27	https://edition.cnn.com/sport	https://www.cnn.com/2021/07/01/sport/iranian-athle...	Non HTML	JUST WATCHEDTürkgücü Munich: The team battling the...	1	42
	354	mohdnneloy	2022-02-27	https://edition.cnn.com/sport	https://www.cnn.com/2021/04/01/football/trkgc-muni...	Non HTML	Chinese athletes Dinigeer Yilamujian, left, and Zh...	1	42
	355	mohdnneloy	2022-02-27	https://edition.cnn.com/sport	https://www.cnn.com/2022/02/04/sport/gallery/openi...	Non HTML	The Jamaican bobsled team captured the hearts of t...	1	42
	356	mohdnneloy	2022-02-27	https://edition.cnn.com/sport	https://www.cnn.com/2022/01/28/sport/gallery/winte...	Non HTML	Eileen Gu, an 18-year-old freestyle skier, is the ...	1	42
	357	mohdnneloy	2022-02-27	https://edition.cnn.com/sport	https://www.cnn.com/2022/01/26/sport/gallery/winte...	Non HTML	Diego Maradona is carried around the field after L...	1	42
	358	mohdnneloy	2022-02-27	https://edition.cnn.com/sport	https://www.cnn.com/2020/11/25/football/gallery/di...	Non HTML	Los Angeles Dodgers celebrate after defeating the ...	1	42
	359	mohdnneloy	2022-02-27	https://edition.cnn.com/sport	https://www.cnn.com/2020/10/21/us/gallery/world-se...	Non HTML	Members of the Los Angeles Lakers and the Miami He...	1	42
	360	mohdnneloy	2022-02-27	https://edition.cnn.com/sport	https://www.cnn.com/2020/08/27/world/gallery/sport...	Non HTML	Michael Jordan rises for a dunk in March 1993. A n...	1	42
	361	mohdnneloy	2022-02-27	https://edition.cnn.com/sport	https://www.cnn.com/2020/04/17/sport/gallery/micha...	Non HTML	Weather Tracking severe weather Track the latest w...	1	42
	366	mohdnneloy	2022-02-28	https://paperswithcode.com/paper/implicit-pdf-n...	https://cdn.cms-bwdfiditalassets.com/content/dam/le...	PDF	Twitter User Agreement Twitter Terms of Service...	3	48
	367	mohdnneloy	2022-02-28	https://en.wikipedia.org/wiki/Operating_system	https://wiki.creativecommons.org/images/e/e2/Codes...	PDF	CREATIVE COMMONS CODES OF CONDUCT FOR EMPLOY...	3	
	370	mohdnneloy	2022-02-28	https://en.wikipedia.org/wiki/Operating_system	https://wiki.creativecommons.org/images/a/aa/Bylaw...	PDF	With Creative Commons licenses, you keep your copy...	3	48
	371	mohdnneloy	2022-02-28	https://en.wikipedia.org/wiki/Operating_system	https://wiki.creativecommons.org/images/4/44/2017_...	PDF	POOLIEDASNGWe are what we share Proudly supported...	3	
	372	mohdnneloy	2022-02-28	https://en.wikipedia.org/wiki/Operating_system	https://wiki.creativecommons.org/images/1/14/Creat...	PDF	ccREL:TheCreativeCommonsRightsFrameworkLanguage	3	48

Work – Android App (Rafid)

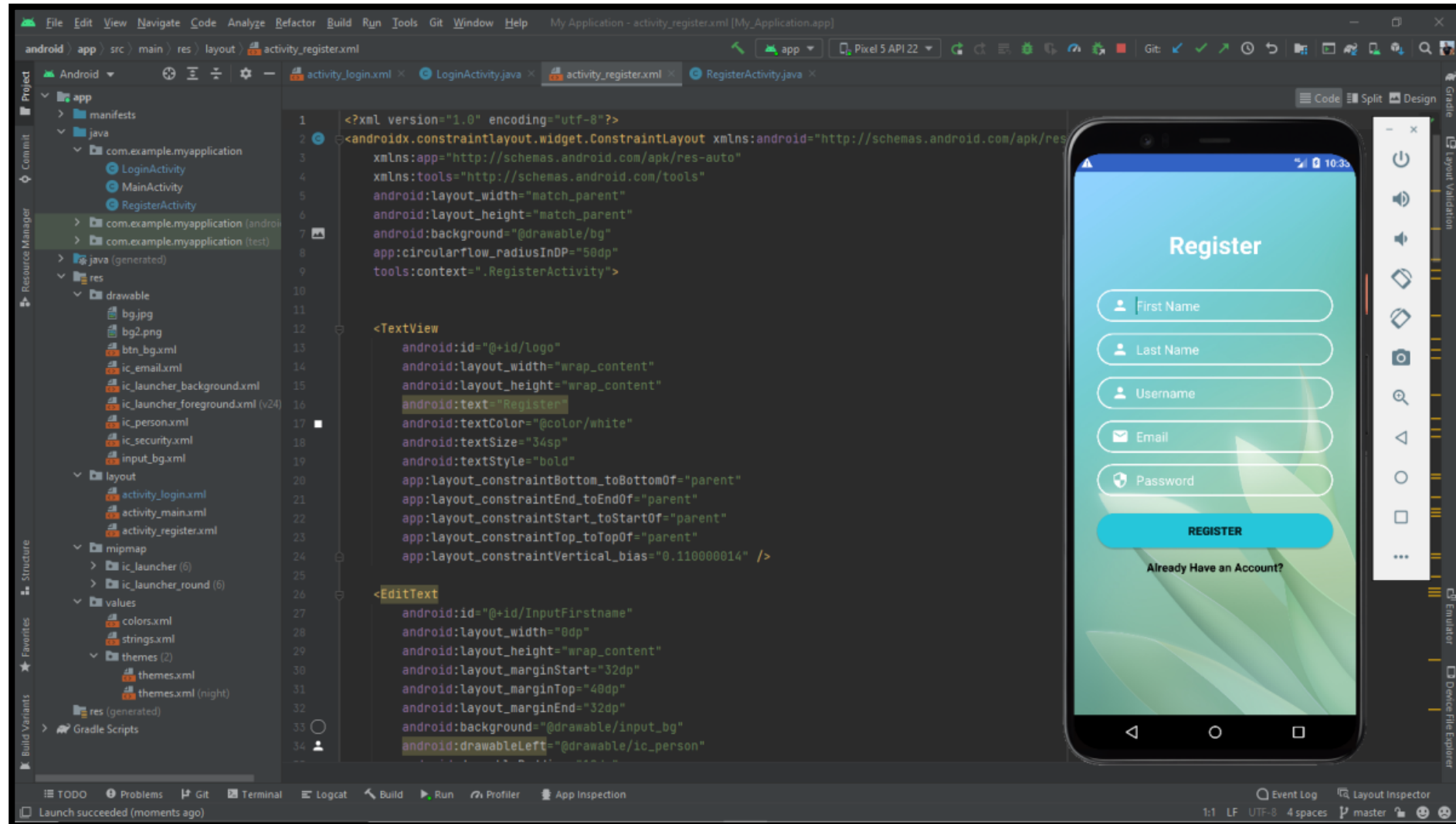
# Android Application (Rafid): Log In Design (XML)



# Android Application (Rafid): Log In Design (Java)

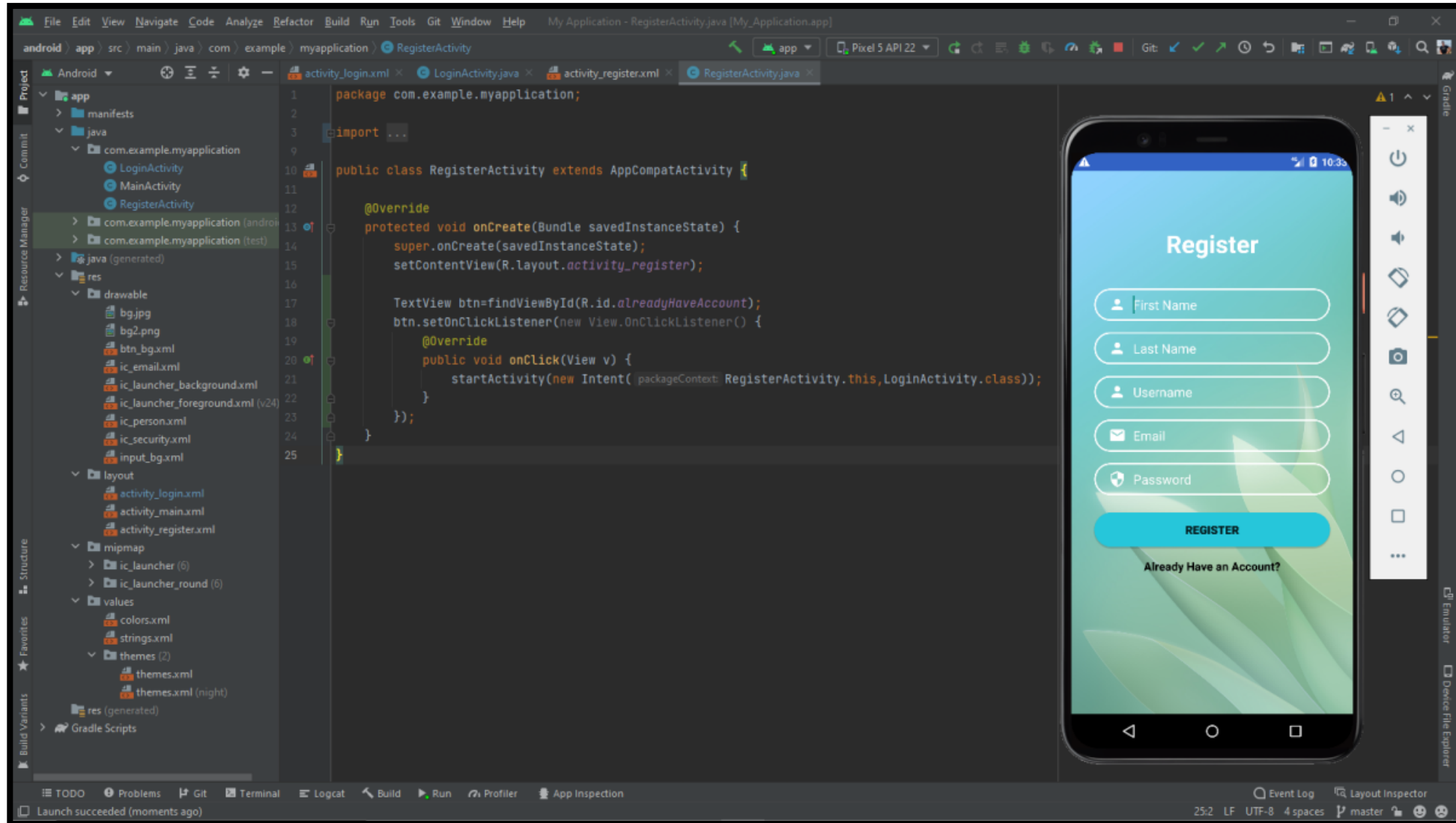


# Android Application (Rafid): Register or Sign Up Design (XML)





# Android Application (Rafid): Register or Sign Up Design (Java)



Thank You!